

CL7200 SERIES

Label Printing Scale



www.globalcas.com

OWNER'S MANUAL

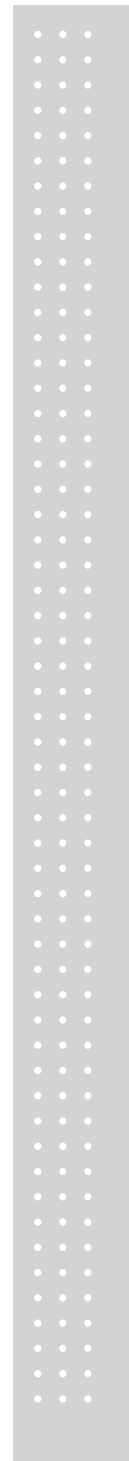
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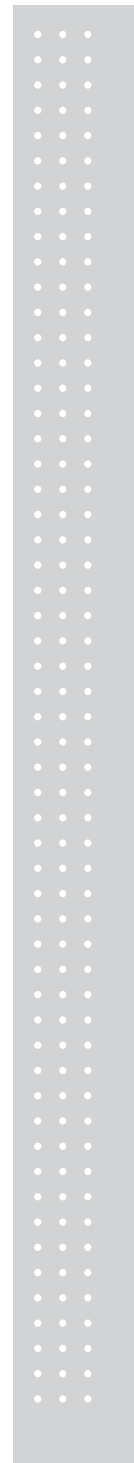
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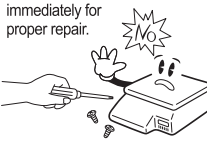
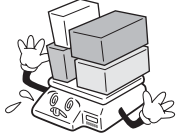



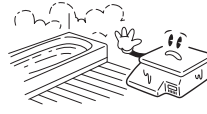
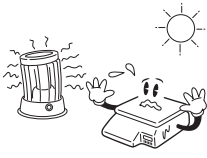
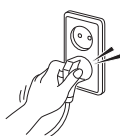
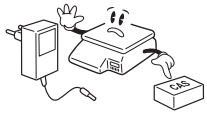
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1. GENERAL

1.1 PRECAUTIONS

Warning

Precautions when installing the scale. To ensure that you get the most from your scale, please follow these instruction.

| | | |
|--|---|--|
| Do not disassemble the scale. | Do not overload beyond the maximum weight limit. | Scale must be grounded to minimize electricity static. |
| <p>When any damage or defect occurs, contact your CAS authorized dealer immediately for proper repair.</p>  |  | <p>This will minimize defect or electric shock.</p>  |
| Do not pull the plug by its cord when unplugging. | To prevent from fire occurring, Do not place or use the scale near flammable or corrosive gas. | To reduce electric shock or incorrect reading, Do not spill water on the scale or place it in humid condition. |
| <p>Damaged cord could cause electric shock or fire.</p>  |  |  |
| Avoid placing the scale near heater or in direct sunlight. | Insert plug firmly to wall outlet to prevent electric shock. | Use proper Adapter. |
|  |  | <p>Incorrect adapter could damage the scale.</p>  |

Attention

Make sure to plug your scale into the proper power outlet. For maximum performance, plug into a power outlet 30 minutes before the usage for warm up.

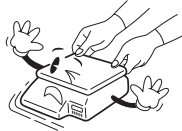
For consistent and accurate reading, maintain periodical check by your CAS authorized dealer.



Avoid sudden shock to the scale.



Grab on the bottom of the scale when moving.



Keep the scale away from other electromagnetic generating devices.

This may interfere with accurate reading.



Place the scale on firm and temperature consistent environment.



By adjusting 4 corners of the scale, set the scale even using the built in scale leveling indicator.



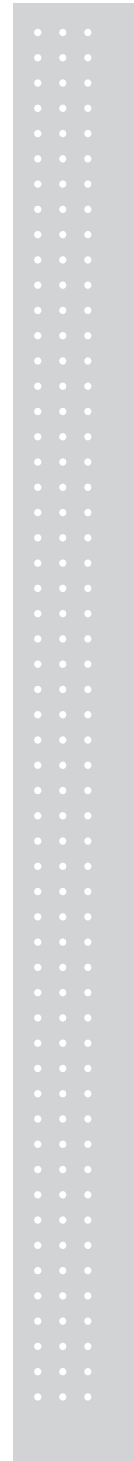
•CE Mark Warning

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

1.2 INTRODUCTIONS

Thank you for purchasing the CAS CL7200 series price computing electronic printing scale. We have designed this equipment with many advanced features, high quality construction, and user-friendly menu driven programming. We are confident that you will find the CAS CL7200 series scale will meet all of your most demanding needs.

Remember, for proper installation and maintenance please have your Authorized CAS Dealer do the primary installation, programming, and demonstration. Your CAS Authorized Dealer also has a wide variety of supplies, accessories, and expansion options for whatever your new and increasing demands may require. Authorized CAS dealers are trained to help you with every aspect of the CL7200 series and should you need servicing, they are expertly trained by CAS to assist you with virtually any problem.



1.3 SPECIFICATIONS

| | | |
|---------------------|----------------------|---------------------|
| Max. Capacity | 15/30 kg | 30/60 lb |
| Interval | 5/10 g | 0.01 lb/ 0.02 lb |
| Max. Tare | -5.998/-9.995 kg | -29.99 lb |
| A/D Conversion Rate | Approx. 8 times/sec. | |
| Measurement Type | Load Cell | |
| Platter Size | 380 x 250 mm | |

| | |
|---------|--|
| Key | 72 PLU key 36 function key 8 fixed key |
| | 144 PLU |
| Display | 10.2 inch Graphic LCD Tare : 4 digit Weight : 5 digit Unit Price : 6 digit Total Price : 6 digit |

| | |
|---------------------|---|
| Printer | Speed 100 mm/sec. |
| Printing Resolution | 202 dpi |
| Label Size | Width: 40 mm~60 mm Length: 20 mm~200 mm |
| Barcode Type | UPC, EAN13, EAN13A5, I2OF5, CODE128, CODE39, CODE93, CODABAR MSI/PLESSEY, IATA2OF5 |
| Font | Small, Middle, Large Size, Free Format, Italic, Bold, Underline, Through Line, Double through line, Reverse, shadow, outline |
| Printer Type | DIRECT THERMAL PRINT |

| | |
|-----------------|---------------------------------|
| Operating Temp. | -10 °C ~ 40 °C (14 °F ~ 104 °F) |
| Power | AC 100~240 V 50/60 Hz 1.5 A |

| | | Number | Range |
|--|--|--------|-------|
|--|--|--------|-------|

| | | | |
|-------------------|--|------|-------------|
| Programmable Data | PLU (Price Look Up, Item Index Number) | 9999 | 1~99999 |
| | Ingredient 510 character | 999 | 1~999 |
| | User Defined Barcode Format | 99 | 1~99 |
| | Department | 99 | 1~99 |
| | Tax Type | 9 | 1~9 |
| | Group | 99 | 1~99 |
| | Clerk | 95 | 1~95 |
| | Discount | 99 | 1~99 |
| | Origin | 499 | 1~499 |
| | Traceability | 99 | 1~99 |
| | Slaughter House | 99 | 1~99 |
| | Cutting Hall | 99 | 1~99 |
| | Traceability Country | 99 | 1~99 |
| | Label Format | 45 | Fixed |
| | | 20 | Free Format |
| | Bitmap Image | 14 | 1~99 |
| | Customer | 99 | 1~99 |
| | Quanty symbol | 8 | 1~8 |
| | Scroll Message | 9 | 1~9 |
| | X1,X2,Z1,Z2 Report | | |
| Pay Type | 9 | | |
| Sales Message | 99 | 1~99 | |
| Nutrifact | 99 | 1~99 | |
| Tare Table | 99 | 1~99 | |

| | |
|-------------------|--|
| Sales Period | Dual totals for daily/monthly or user selectable reporting period. |
| Sales Report Mode | Read : X1/X2 Mode, Read & Reset: Z1/Z2 Mode |

Note: Specifications are subject to change without notice.
We always call PLUs instead of Item Index Numbers.

1.4 NAME AND FUNCTIONS

OVERALL VIEW



DISPLAY

Front display for the operator

| | | | | | | | | | |
|--------------------------------------|-----------------|----------------|--------------|----------------|------------------------|--------------------|---------------------|----------------|--------------|
| TARE kg ST 0.000 MET | Chinese cabbage | Orange | Kiwi | Pumpkin | Pumpkin Seeded | Bean cake | Perilla leaf | Apple | FUNCTION |
| WEIGHT kg 0.000 | Banana | Fine apple | Sweet Potato | Indian Corn | Popcorn | Indian Millet | Millet | Rice | MENU |
| UNIT PRICE\$/kg 0.00 | SoyBean | Peanut | Rice cake | Sesame Oil | Perilla Oil | Potato | Radish | Spinash | ZERO |
| TOTAL PRICE \$ 0.00 | Bean | Pea | Coffee bean | Lotus root | Diced Slices of Radish | Salted Radish | Shredded Radish | Celery Cabbage | EDIT KEY |
| | Pickled Cabbage | Cabbage Sew | Cabbage Root | Young Radish | Young Radish Kimchi | Cucumber | Cucumbers pickled | Tomato | SHIFT |
| | Tomato Sauce | Tomato Ketchup | Melon | Water Melon | Milk | Green Tea | Black Tea | Suger | C |
| | Red Radish | Suger Beet | Onion | Shallot | Garlic | Pickled Garlics | Mustard | Red Pepper | FEED |
| | Gam Ja Tang | DoongJi Yang | YonGul Ju | Speical | Goat_Vegetables So | Small Eel_Vegetabl | Codfish Ma_eun Tang | Ahl Tang | Seoulng Tang |
| | Sam Gae Tang | Yook Gae Jang | Hae Jang uk | Chung Guk Jang | Soon Tofu Chigae | KimChi Chigae | Doen Jang Chigae | SamGyupSa | PRINT |

Max: 6/15kg Min: 0.04kg
e=d=0.002/0.005kg

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Front display for the operator with function key.

| | | | | | | |
|--------------------------------------|----------------|------|------|-----------|-----------|-----------|
| TARE kg ST 0.000 MET | | | | | | SPEED KEY |
| WEIGHT kg 0.000 | RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU |
| UNIT PRICE\$/kg 0.00 | DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID |
| TOTAL PRICE \$ 0.00 | DISC (-) | 7 | 8 | 9 | PLU | ADD |
| | WT/CT | 4 | 5 | 6 | X | PAY |
| | MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL |
| | MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT |

Max: 6/15kg Min: 0.04kg
e=d=0.002/0.005kg

LAN 2014-12-09 18:18:38

Back display for customers

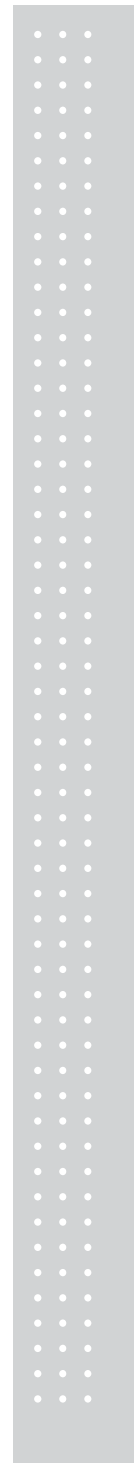
Max 6/15kg Min 0.04kg e=d=0.002/0.005kg

| | | |
|--|--|--------------------------------------|
| WEIGHT kg ST D MET 0.000 | UNIT PRICE \$/kg 0.00 | TOTAL PRICE \$ 0.00 |
| | | TARE kg 0.000 |

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1.5 SYMBOLS










| SYMBOLS | | DESCRIPTION |
|------------|--|---|
| TYPE | | |
| ST | | Stable weight indicator |
| ▶0◀ | | Zero weight indicator |
| NET | | Net weight indicator |
| AUTO | | Print Mode indicator |
| SAVE | | Auto clearing status indicator |
| PACK | | Auto clearing status and Print mode indicator |
| DISC | | Discount status indicator |
| SHIFT | | Speed key shift status indicator |
| NET | | Data transmission status indicator |
| SERVER | | Connected to server indicator |
| LAN / WLAN | | Wired / Wireless Lan Connection Status |



1.6 KEY FUNCTIONS

Function key








| KEY | DESCRIPTION |
|--------------|--|
| 0 ~ 9 | Numeric keys. Used to enter pricing, qty, count, tare, etc. |
| 00 | Double zero key. |
| C | Clear key. Used to clear erroneous entries and error conditions. |
| ZERO | Re-Zero key. Use to remove small variations in the scale's zero. |
| TARE | Tare key. Use to manually enter and remove tare weights. |
| OVER RIDE | Override key. For temporary price change entry. |
| DATE TIME | Date & Time key. Toggles the display between time, date, scale number and department number. Up arrow key: Used to go to previous line in program mode. |
| MENU | MENU key. This key toggles from program menu to sale mode. Page up key: Used to go to previous page in program mode. |
| F O R | For key. Use this key for by- count or by pcs pricing: 3 @ 3 FOR \$1.00. It toggles between the QTY, PIECE, and PRICE fields. |
| AUTO | AUTO key. Auto-print mode |
| PRE PACK | Pre-Pack key. Used to enter Pre-Packaging mode in which the scale Auto-prints for every transaction and prevents the auto clearing of data. Left arrow key: Used to go to left character in program mode. |
| SAVE | Save key. Save mode prevents the auto clearing of any called-up data like tare weight, PLU pricing, etc. |
| VOID | Void key. To remove erroneous sales from ADD-Up Right arrow key: Used to go to right character in program mode. |
| PL U | When you type a PLU number and press this key, it calls-up that PLU. Down arrow key: Used to go to next line in program mode. |

| KEY | DESCRIPTION |
|--|---|
|  | ADD-Up key. This key when used in conjunction with ST/TTL key allows you print a customer-total label as well as individual transaction labels. Page down key: Used to go to next page in program mode. |
|  | Multi-Label key. Use this key to print multiple sales of the same transaction. Escape key. It is used to exit in program mode. |
|  | Subtotal / Total key. Used with the ADD key in order to print customer totals. |
|  | Feed key. Use this key to feed labels or paper through printer |
|  | Pay key. Use this key to calculate change. Test key. Used to print test pattern |
|  | Print key. Used to manually print transactions and also serves as an ENTER key in programming mode. There are 2 of them and they both act the same. |
|  | Return key. Used to credit sales for erroneous transactions or returned items. Shift Key. Used to access the second level of Speed Keys in Sales Mode. Used to toggle between Upper Case and Lower Case Alpha Characters. |
|  | Miscellaneous Weighed PLU key. |
|  | Miscellaneous By-Count PLU key. |

Sale mode key

| KEY | DESCRIPTION |
|-----------------|---|
| FUNCTION | Call function key. |
| ZERO | Reset the scale to zero. |
| SHIFT | Show second speed key. |
| MENU | Switch to the program mode. |
| EDIT KEY | Switch to the mode that edit speed key configuration. |
| C | Cancel calling PLU |
| FEED | Label / Ticket feed key |
| PRINT | Label / Ticket print key |

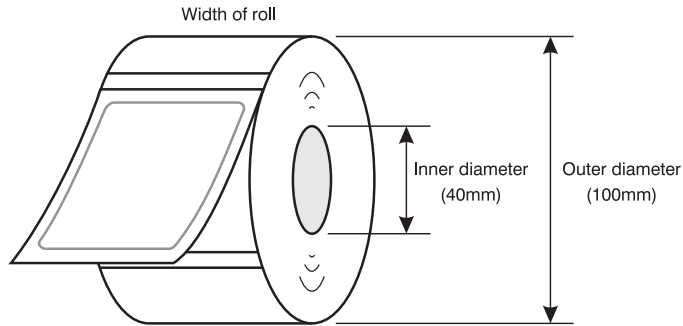
Program mode key

| KEY | DESCRIPTION |
|---|--|
|  | Alpha keys. Used to type text data. |
|  | Used to type \$ |
|  | Backspace key. Used to backspace and delete text data. |
|  | Space bar. |
| NEW LINE | Used to go to next line to enter text |
|  | Special symbol keys. |
|  | Used to type special symbol. (See ASCII code table) |
| SHIFT | Capitals key. |
| INSERT | Insert key. |
| DEL | Delete key. |
| CAPS | Capitals lock key. |
|  | Arrow keys. |
| PAGE UP PAGE DOWN | Page up, page down. |
| SAVE | Save key. |
| ESC | Escape key. |

1.8 Installation of the Label Roll

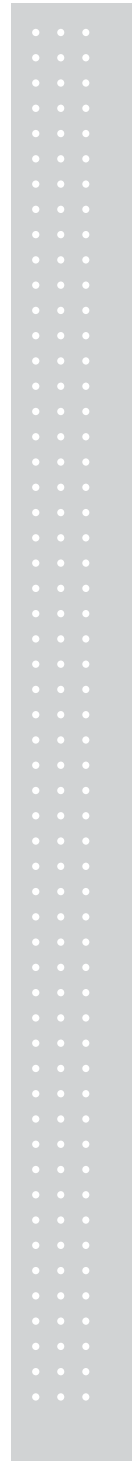
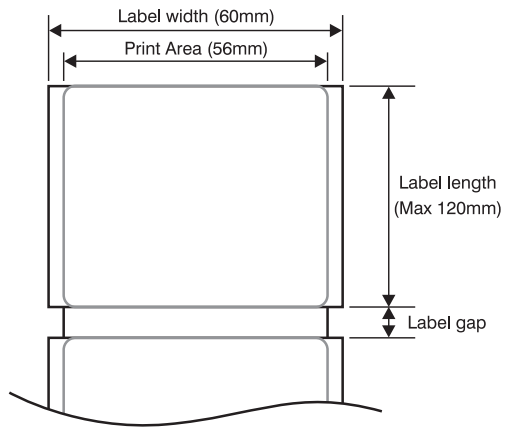
• **Label Specifications**

Outer diameter of roll : 100mm
Inner diameter of roll : 40mm
Width of receipt roll : 40, 50, 60mm
Width of label roll : 60mm(MAX)



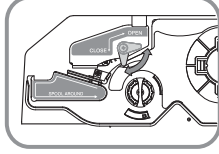
• **Print Area**

Width of label : 60mm(MAX)
Printable width : 56mm(MAX)
Length of label : 120mm(MAX)

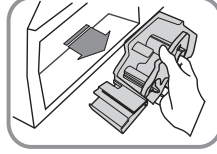


To install the label roll at ANY time you must follow the directions in this section:

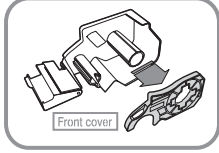
① Turn lever to open position.



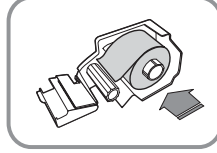
② Remove the cartridge.



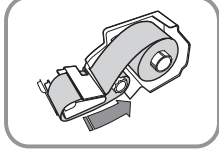
③ Remove the front cover.



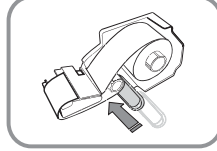
④ Insert the roll paper.



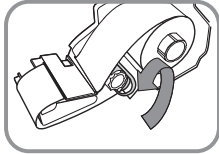
⑤ Spool the paper to unwinder.



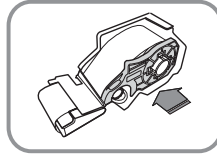
⑥ Push the clip until it clicks.



⑦ Turn the clip for several times.



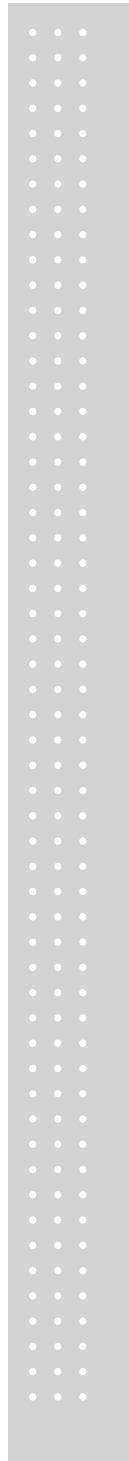
⑧ Close the front cover.



© Press the FEED key. Scale prints twice for auto Label adjustment

*If label position is not correct, you have to check follows :

- a, Label size.(Label setting menu)
- b. Feed Adjustment .(Feed adjustment menu)
- c. Sensor calibration(Sensor Calibration menu)

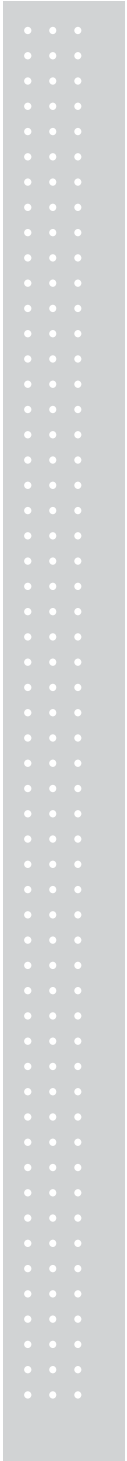


2. PROGRAMMING

Program Mode Menu Tree (Menu code : 1000)

| CODE | Menu | CODE | Sub Menu | CODE | Sub Menu | | | |
|------|------------------|------|-------------------|------|------------------------|------|--------------------|--|
| 1100 | PLU | 1110 | Change unit price | | | | | |
| | | 1120 | New/Edit | | | | | |
| | | 1130 | Discount | 1131 | New/Edit Discount | | | |
| | | | | 1132 | List Discount | | | |
| | | | | 1133 | Delete Discount | 1137 | Delete by PLU(DC) | |
| | | | | | | 1138 | Delete by Dept(DC) | |
| | | 1139 | Delete All(DC) | | | | | |
| | | 1140 | Management | 1141 | Copy | | | |
| | | | | 1142 | Delete | 1147 | Delete by PLU No | |
| | | | | | | 1148 | Delete by Dept. No | |
| | | | | | | 1149 | Delete All | |
| | | | | 1143 | Move | | | |
| | | | | 1144 | Select PLU Items | | | |
| | | 1145 | PLU Sale Count | | | | | |
| | | 1150 | List | | | | | |
| 1160 | Speed Key | | | | | | | |
| 1170 | Sample Printing | | | | | | | |
| 1200 | PLU Data Table I | 1210 | Department | 1211 | New/Edit department | | | |
| | | | | 1212 | List department | | | |
| | | | | 1213 | Delete department | | | |
| | | 1220 | Group | 1221 | New/Edit group | | | |
| | | | | 1222 | List group | | | |
| | | | | 1223 | Delete group | | | |
| | | 1230 | Tax Rate | 1231 | New/Edit TAX rate | | | |
| | | | | 1232 | List TAX rate | | | |
| | | | | 1233 | Delete TAX rate | | | |
| | | 1240 | Sales Message | 1241 | New/Edit Sales Message | | | |
| | | | | 1242 | List Sales Message | | | |
| | | | | 1243 | Delete Sales Message | | | |
| | | 1250 | Origin | 1251 | New/Edit Origin | | | |
| | | | | 1252 | List Origin | | | |
| | | | | 1253 | Delete Origin | | | |
| | | 1260 | Barcode | 1261 | New/Edit barcode | | | |
| | | | | 1262 | List barcode | | | |
| | | | | 1263 | Delete barcode | | | |
| | | 1270 | Tare | 1271 | New/Edit Tare | | | |
| | | | | 1272 | List Tare | | | |
| | | | | 1273 | Delete Tare | | | |

| | | | | | |
|--|--|--|--|------|----------|
| | | | | 1274 | Tare Key |
|--|--|--|--|------|----------|



| CODE | Menu | CODE | Sub Menu | CODE | Sub Menu |
|------|--------------------|------|------------------------|----------|----------------------|
| 1200 | PLU Data Table I | 1280 | Unit Symbol | 1281 | New/Edit Unit Symbol |
| | | | | 1282 | List Unit Symbol |
| | | | | 1283 | Delete Unit Symbol |
| 1300 | PLU Data Table II | 1310 | Ingredient | 1311 | New/Edit Ingredient |
| | | | | 1312 | List Ingredient |
| | | | | 1313 | Delete Ingredient |
| | | 1320 | Nutrition Facts | | |
| | | 1330 | Traceability | | |
| | | 1340 | Country | | |
| 1400 | PLU Data Table III | 1410 | Store | 1411 | New/Edit Store |
| | | | | 1412 | List Store |
| | | | | 1413 | Delete Store |
| | | 1420 | Customer | | |
| | | 1430 | Scroll Message | | |
| | | 1440 | Currency | | |
| | | 1450 | Job Batch Schedule | | |
| | | 1460 | Scanner | | |
| | | 1470 | Label Format Key Table | | |
| | | 1500 | Global Setting | 1510 | Label Format |
| 1520 | Barcode | | | | |
| | 1530 | | | Discount | 1531 |
| 1532 | | | | | Weight Discount |
| 1533 | | | | | Count Discount |
| 1534 | | | | | PCS Discount |
| 1540 | Tax | | | 1541 | Set Global Tax |
| | | | | 1542 | Global Tax Number |
| 1600 | Report | 1610 | X1 Report | 1611 | Scale |
| | | | | 1612 | PLU |
| | | | | 1613 | Misc. PLU |
| | | | | 1614 | Group |
| | | | | 1615 | Department |
| | | | | 1616 | Hourly |
| | | | | 1617 | Clerk |
| | | 1620 | Z1 Report | | |
| | | 1630 | X2 Report | 1631 | Scale |
| | | | | 1632 | PLU |
| | | | | 1633 | Misc. PLU |
| | | | | 1634 | Group |
| | | | | 1635 | Department |
| | | | | 1636 | Hourly |
| 1637 | Clerk | | | | |

| CODE | Menu | CODE | Sub Menu | CODE | Sub Menu | | |
|------|-------------------------|------|-------------------------------|------|--------------------|--|--|
| 1600 | Report | 1640 | Z2 Report | | | | |
| | | 1650 | Clear All | | | | |
| | | 1660 | Non-sending Report | | | | |
| 1700 | Print | 1710 | Print Label Item | | | | |
| | | 1720 | Markdown | | | | |
| | | 1730 | Print Hardware | 1731 | Print Mode | | |
| | | | | 1732 | Label/Ticket Size | | |
| | | | | 1733 | Sensor Calibration | | |
| | | | | 1734 | Sensor & Motor | | |
| | | | | 1735 | Print Intensity | | |
| | | | | 1736 | Adjust Feed Length | | |
| | | | | 1737 | Label Preprint | | |
| | | 1738 | Adjust Reverse Feed Length | | | | |
| | | 1740 | Serial Number Format | | | | |
| | | 1750 | Add-Up Total | | | | |
| | | 1760 | Ticket | 1761 | Select Ticket Item | | |
| | | | | 1762 | Select List Item | | |
| 1763 | Select Ticket Font Size | | | | | | |
| 1800 | Scale Config | 1810 | Sale Mode | | | | |
| | | 1820 | Operation Mode | | | | |
| | | 1830 | Department & Store ID | | | | |
| | | 1840 | Date/Time | | | | |
| | | 1850 | User/ Security Configurati on | 1851 | New/Edit User | | |
| | | | | 1852 | Change Password | | |
| | | | | 1853 | List User | | |
| | | | | 1854 | Delete User | | |
| | | | | 1855 | Config Permission | | |
| | | | | 1856 | Clerk Key | | |
| | | 1860 | Test | 1861 | Display | | |
| | | | | 1862 | A/D | | |
| | | | | 1863 | Keyboard | | |
| | | | | 1864 | Chess Printer | | |
| | | | | 1865 | Printer Sensor | | |
| | | | | 1866 | Memory Information | | |
| | | | | 1867 | Firmware Version | | |
| | | | | 1868 | Communication | | |
| | | 1870 | Scale Parameter | 1871 | Display | | |
| | | | | 1872 | Printing | | |
| | | | | 1873 | Sale setup | | |
| | | | | 1874 | Clerk Logout | | |
| | | | | 1875 | System Restore | | |
| 1880 | Function Key Define | | | | | | |

| CODE | Menu | CODE | Sub Menu | CODE | Sub Menu |
|------|--------------------|------|--------------------|------|--------------|
| 1900 | Communi- cation | 1910 | Network Setting | 1911 | Service Type |
| | | | | 1912 | DHCP |
| | | | | 1913 | IP |
| | | | | 1914 | Remote IP |
| | | | | 1915 | RS232C |
| | | | | 1916 | WLAN setting |
| | | | | 1917 | WLAN Config |
| | | 1920 | Application | | |
| | | 1930 | Scale Lock/Unlock | | |
| | | 1940 | Check Scale | | |
| | | 1950 | Backup to Scale | | |
| 1960 | Slave Scale | | | | |

You can see the Program Menu screen by pressing the MENU key.

You can move a page using PAGE UP or PAGE DOWN keys. You can also use the arrow keys to move the page.



2.1 PLU Programming

You can set 47 items for a PLU as below table and if you do not want to use some items, you can prohibit those items in menu code:1144.

| No | Item | Description |
|----|----------------------|--|
| 1 | Department | Department No. |
| 2 | PLU No | PLU No. |
| 3 | PLU Type | Select PLU type among By Weight, By Count or By-PCS |
| 4 | Name | Enter name 1 of item. Maximum 40 characters. |
| 5 | Name 2 | Enter name 2 of item. Maximum 40 characters. |
| 6 | Name 3 | Enter name 3 of item. Maximum 40 characters. |
| 7 | Group No. | Select group number. This value can be from 0 to 99. |
| 8 | Ext.Barcode | 13 digits of EAN-13 barcode is used to output them as they are |
| 9 | Label No. | (0~99) (0=Do not use Label No.), Label Formats "1~30". If Global Setting is YES, it is not shown. |
| 10 | Aux. Label No. | (0~99) (0=Do not use Label No.), Label Formats "1~30". This function prints aux. label as saved number of label number |
| 11 | Origin No. | (0~500) 0=Do not use origin. |
| 12 | *Fixed Weight | The weight is fixed regardless of item |
| 13 | Prefix | Enter serial code for PLU (Greece version of CL7200 series) |
| 14 | Item code | Item code |
| 15 | Use Fixed Price Type | You can set whether use Fixed Price or not |
| 16 | ☆Pieces | (0-999) Set the number for By-PCS PLU |
| 17 | ☆Quantity Unit No. | (0~8) Set symbol of PCS or Count |
| 18 | (Unit) Price | This value can be from 0 to 999999. |
| 19 | Special Price | It can be unit price by using Special key. |
| 20 | Tax No. | Enter tax number. This value can be from 0 to 9 |
| 21 | *Tare / Tare No. | You can enter tare weight manually or enter No. of tare data. (By-weight PLU) |

| No | Item | Description |
|----|---------------------|---|
| 22 | *% Tare | 0~99.99 You can enter tare weight as percentage of item. If you set it to 20%, 20% of item is tare weight. |
| 23 | *Tare % Limit | 0~99.99 You can enter tare limit. %tare <= % limit -> Gross weight is printed %tare > % limit -> Net weight is printed |
| 24 | Barcode No. | This value can be from 0 to 99, If Global Setting is YES, it is not shown. |
| 25 | Barcode2 No. | This value can be from 0 to 99. |
| 26 | Picture No. | Image No. |
| 27 | Produced Date | (0~999) This is subtracted to the current date in order to be calculated. |
| 28 | Packed Date | (0~999) This is added to the current date in order to be calculated. |
| 29 | Packed Time | (0~99) If you set it to 0, it is not printed |
| 30 | Sell-by Date | (0~9999) This is expirations date that is numbered in days and added to the Packed On date in order to be calculated. If you set it to 0, it is not printed |
| 31 | Sell-by Time | (0~99) If you set it to 0, it is not printed |
| 32 | Cook-by Date | (0~9999) This is expirations date that is numbered in days and added to the Packed On date in order to be calculated. |
| 33 | Ingredients No. | (0~999) Enter ingredients |
| 34 | Traceability No. | (0~99) Enter traceability No. |
| 35 | Bonus | For future use. |
| 36 | Nutri. Fact No. | (0~500) Enter nutrition fact ID |
| 37 | Sales Msg No. | (0~99) Enter sales message No. |
| 38 | Reference PLU Dept. | (0~99) Enter reference department No. |
| 39 | Reference PLU No. | (0~999999) Enter reference PLU No. |
| 40 | Coupled PLU Dept. | (0~99) Enter coupled PLU department |
| 41 | Coupled PLU No. | (0~999999) Enter coupled PLU No. |
| 42 | # of Link PLU | (0~2) Enter the number of linked PLU. |

| No | Item | Description |
|----|------------------|----------------------------------|
| 43 | ★Link PLU1 Dept. | (0~99) Enter PLU1 department No. |
| 44 | ★Link PLU1 No. | (0~999999) Enter PLU1 No. |
| 45 | ★Link PLU2 Dept. | (0~99) Enter PLU2 department No. |
| 46 | ★Link PLU2 No. | (0~999999) Enter PLU2 No. |

- * These items are shown on the display when you select By Weight PLU.
- ☆ These items are shown on the display when you select By Count or By PCS PLU.
- ★ These items are shown on the display when you input # of Link PLU.

2.1.1 Create By-Weight PLU (Menu code 1120)

(NEW/Edit PLU : MENU → 1. PLU → 2. New/Edit)

- ◆ You can press the SAVE key at anytime to save the current PLU data and if you want to exit without saving, press the ESC key.

Note: You may experience different item menus. You can modify menu items at menu (1144)

1. Create By-Weight PLU (Menu code 1120)

- Department should be set previously



EX) Department No. = [1] Default
 PLU No. : [1]

| | | | | | |
|----------------|------|-----------------------|-----------|------|-------|
| PROGRAM MODE | 1120 | NEW/EDIT (9878/10000) | SALE MODE | SAVE | PREV. |
| Department No. | 1 | Default | | | |
| PLU No. | 1 | No Data or Table | | | |
| | | | | | |

2. Select PLU Type



1. By Weight
2. By Count
3. By PCS

EX) BY-Weight Item

| | | | | | |
|--------------|-----------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| PLU Type | BY-weight | | | | |
| | | | | | |
| | | | | | |

By-Weight PLUs are priced as price-perweight; for example, \$3.99/lb or \$1.99/kg. You must weigh these PLUs before you can execute a sales transaction.

3. Enter PLU Name 1

EX) "BEEF"

| | | | | |
|---|---|---|---|-------|
| B | E | E | F | PRINT |
|---|---|---|---|-------|

| | | | | | |
|--------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| Name | BEEF | | | | |
| | | | | | |
| | | | | | |

4. Select Group

- You can use Group depending on the Menu code 1220.
- If there is no group for this PLU, enter 0.

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

EX) 1. Meat

| | | | | | |
|--------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| Group No. | Meat | | | | |
| | | | | | |
| | | | | | |

5. Select Origin

- You can use Origin depending on the Menu code 1250.
- If there is no origin for this PLU, enter 0.

| | | |
|---|---|-------|
| 4 | 9 | PRINT |
|---|---|-------|

EX) 49. China

| | | | | | |
|--------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| Origin No. | 49 | China | | | |
| | | | | | |
| | | | | | |

6. Enter Prefix

- If you do not want to use prefix, enter 0.

EX) Do not use prefix

| | | | | | |
|--------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| Prefix | - | | | | |
| | | | | | |
| | | | | | |

7. Item Code

- If you do not want to use item code, enter 0.

1 9 4 1 PRINT

EX) Item Code = 1941

| | | | | | |
|--------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| ItemCode | 1941 | | | | |
| | | | | | |
| | | | | | |

8. Price

1 0 0 0 PRINT

EX) Price = \$10.00

| | | | | | |
|--------------|-------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| Price(\$) | 10.00 | | | | |
| | | | | | |
| | | | | | |

9. Tax No.

- Maybe changed using Menu Code 1231.
If the Global Tax Settings (Menu Code 1541) is not used.
- If you do not want to use, enter 0.

0 PRINT

EX) Tax No. 0

| | | | | | |
|--------------|----------------------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| TAX No. | 0 Don't use TAX rate | | | | |
| | | | | | |
| | | | | | |

10. Tare

- You can use Tare Table, depending on the setting of Parameter 584
You can set Tare Table(Menu code 1270)

1 0 0 PRINT

EX) Tare Value = 100g

| | | | | | |
|--------------|-------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| Tare (kg) | 0.100 | | | | |
| | | | | | |
| | | | | | |

11. Produced Date

- Print Date minus the Input Value in Days.
See chart on next page.

1 PRINT

EX) 0 : No print

- 1 : Print Date – 1 day
- 2 : Print Date – 2 days

| | | | | | |
|--------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| ProducedDate | 1 | | | | |
| | | | | | |
| | | | | | |

12. Packed Date

- Print Date plus Input Value in Days.

1 PRINT

See chart on next page.

EX) 0 : Today
1 : Today + 1 day
2 : Today + 2 days

| | | | | | |
|--------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| Packed Date | 1 | | | | |
| | | | | | |
| | | | | | |

13. Packed Time

• Print Time plus Input Value in Hours.
See chart on next page.

1 PRINT

EX) 0 : Hour Printed
1 : Hour Printed + 1 Hour
2 : Hour Printed + 2 Hours

| | | | | | |
|--------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| Packed Time | 1 | | | | |
| | | | | | |
| | | | | | |

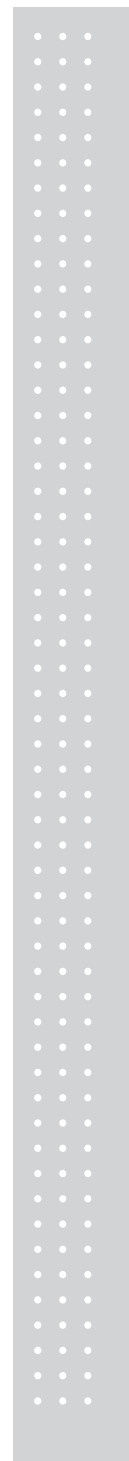
14. Sell By Date

• Packed Date plus Input Value in Days
Minus 1 Day. See Chart on next page.

2 PRINT

EX) 1 : Today
2 : Packed date + 1

| | | | | | |
|--------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| Sell By Date | 2 | | | | |
| | | | | | |
| | | | | | |



15. Sell By Time

• Packed Time plus Input Value in Hours. See Chart on p. 0

1 0 PRINT

EX) 0 : Current Time
1 : Packed Time + 1 Hour

| | | | | | |
|--------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| Sell By Time | 10 | | | | |
| | | | | | |
| | | | | | |

| PLU fill in Item | Description | Value | | | | Calculation |
|------------------|----------------------|----------|------------|------------------|-----|------------------------------------|
| | | 0 | 1 | 2 | ... | |
| Produced Date | Before Printing Date | No print | Yesterday | Before yesterday | ... | Print Date - Input Value(Day) |
| Packed Date | After Printing Date | Today | Tomorrow | After tomorrow | ... | Print Date + Input Value(Day) |
| Packed Time | After Printing Time | Current | After 1 HR | After 2HR | ... | Print Time + Input Value(hour) |
| Sell by Date | After Packing Date | NO print | Today | Tomorrow | ... | Packed Date + Input Value(Day) - 1 |
| Sell by Time | After Packing Time | Current | After 1HR | After 2HR | ... | Packed Time + Input Value(hour) |
| Cook by Date | After Packing Date | NO print | today | tomorrows | ... | Packed Date + Input Value(Day) - 1 |

16. Ingredient No.

- You can use Ingredient depending on the Menu code 1310.
- If there is no ingredient for this, enter 0.

0 PRINT

EX) Do not use ingredient

| | | | | | |
|----------------|------------------------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| Ingredient No. | 0 Don't use Ingredient | | | | |
| | | | | | |
| | | | | | |

17. Sales Message No.

- If you do not want to use, enter 0
- Note : You can preset sales message at meny code(1241)

1 PRINT

EX) Sales Message 1

| | | | | | |
|---------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| Sales Msg No. | 1 | Thank You | | | |
| | | | | | |
| | | | | | |

18. Reference PLU Department

• If you do not want to use, enter 0

| | |
|---|-------|
| 0 | PRINT |
|---|-------|

EX) Reference PLU Department = 0

| | | | | | |
|-----------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| Reference PLU D | 0 | | | | |
| | | | | | |
| | | | | | |

19. Reference PLU No.

• If you do not want to use, enter 0

| | |
|---|-------|
| 0 | PRINT |
|---|-------|

EX) Reference PLU No. = 0

| | | | | | |
|-----------------|------|------------------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 1 | SALE MODE | SAVE | PREV. |
| Reference PLU N | 0 | No Data or Table | | | |
| | | | | | |
| | | | | | |

Usage is possible to register the reference key at 1880 in order to use the No. 36-37 reference PLU.

2.1.2 Create By-Count PLU (Menu code 1120)

(MENU → 1. PLU → 2. New/Edit)

- ※ Showing only the different parts of PLU items
- ◆ You can press the SAVE key at anytime to save the current PLU data and if you want to exit without saving, press the ESC key.

1. Enter Department No. / PLU No.

- Department should be set previously
- EX) Department # = 1. Default
- PLU # = 2

1 PRINT 2 PRINT

| | | | | | |
|----------------|------|-----------------------|-----------|------|-------|
| PROGRAM MODE | 1120 | NEW/EDIT (9999/10000) | SALE MODE | SAVE | PREV. |
| Department No. | 1 | Default | | | |
| PLU No. | 2 | No Data or Table | | | |
| | | | | | |

2. Select PLU Type

1. By Weight
2. By Count
3. By PCS

2 PRINT

EX) BY-Count Item

| | | | | | |
|--------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 2 | SALE MODE | SAVE | PREV. |
| PLU Type | 2 | BY-count | | | |
| | | | | | |
| | | | | | |

3. Enter PLU Name 1

EX) PEAR

P E A R PRINT

| | | | | | |
|--------------|-------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 2 | SALE MODE | SAVE | PREV. |
| Name | PEAR_ | | | | |
| | | | | | |
| | | | | | |

4. Qty Unit No.

1 PRINT

EX) Qty Unit No. 1

| | | | | | |
|--------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 2 | SALE MODE | SAVE | PREV. |
| Qty Unit No. | 1 | PCS | | | |
| | | | | | |
| | | | | | |

5. Price

1 0 0 0 PRINT

EX) Price = \$10.00

| | | | | | |
|--------------|-------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 2 | SALE MODE | SAVE | PREV. |
| Price(\$) | 10.00 | | | | |
| | | | | | |
| | | | | | |

2.1.3 Create By-PCS PLU (Menu code 1120)

(MENU → 1. PLU → 2. New/Edit)

- ※ Showing only the different parts of PLU field
By-PCS PLU is used depending on the Parameter 593.
- ◆ You can press the SAVE key at anytime to save the current PLU data and if you want to exit without saving, press the ESC key.

1. Enter Department No. / PLU No.

1 PRINT 3 PRINT

EX) Department # = 1. Default
PLU # = 3

| | | | | | |
|----------------|------|-----------------------|-----------|------|-------|
| PROGRAM MODE | 1120 | NEW/EDIT (9998/10000) | SALE MODE | SAVE | PREV. |
| Department No. | 1 | Default | | | |
| PLU No. | 3 | No Data or Table | | | |
| | | | | | |

2. Select PLU Type

- 1. By Weight
- 2. By Count
- 3. By PCS

3 PRINT

EX) BY-PCS Item

| | | | | | |
|--------------|----------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 3 | SALE MODE | SAVE | PREV. |
| PLU Type | 3 By-pcs | | | | |
| | | | | | |
| | | | | | |

3. Enter PLU Name1

C A K E PRINT

EX) CAKE

| | | | | | |
|--------------|-------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 3 | SALE MODE | SAVE | PREV. |
| Name | CAKE_ | | | | |
| | | | | | |
| | | | | | |

4. Pieces

• If you enter 0 , it is regarded as 1.

1 0 PRINT

EX) 10 piece

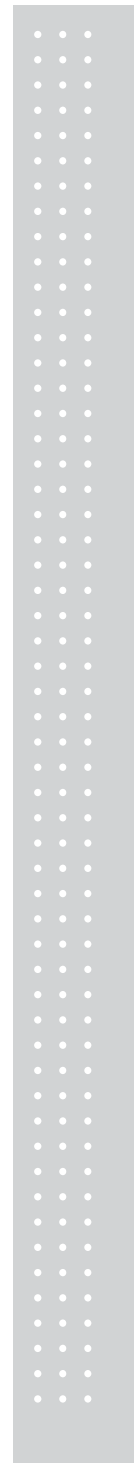
| | | | | | |
|--------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 3 | SALE MODE | SAVE | PREV. |
| Pieces | 10 | | | | |
| | | | | | |
| | | | | | |

5. Qty Unit No.

1 PRINT

EX) Qty Unit No. 1

| | | | | | |
|--------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1120 | PLU NO. 3 | SALE MODE | SAVE | PREV. |
| Qty Unit No. | 1 | PCS | | | |
| | | | | | |
| | | | | | |



2.1.4 Editing PLU (Menu code 1120)

(MENU → 1. PLU → 2. New/Edit)

- ◆ You can call up existing PLU information for edit.

2.1.5 Management(Menu code 1140)

2.1.5.1 Copying PLU (Menu code 1141)

(MENU → 1. PLU → 4. Management → 1. Copy)

- If there is a similar PLU, you can copy it.

1. Select Source

- Enter the Department No. and PLU No. that you wish to copy

1 PRINT 1 PRINT

EX) Source Department # = 1
Source PLU # = 1

| PROGRAM MODE | 1141 | COPY | SALE MODE | SAVE | PREV. |
|------------------|------|---------|-----------|------|-------|
| Source Dept No : | 1 | Grocery | | | |
| Source PLU No : | 1 | Potato | | | |
| | | | | | |

Note : If PLU number exists in destination department you will be asked to confirm the copy.

2. Select Destination

- Enter the Department number where the New PLU(s) will be located
- Enter the PLU number that you wish to copy the Source PLU into

2 PRINT 1 PRINT

EX) Destination Department # = 2
Destination PLU # = 1

| PROGRAM MODE | 1141 | COPY | SALE MODE | SAVE | PREV. |
|-----------------|------|------------------|-----------|------|-------|
| Dest. Dept No : | 2 | Vegetable | | | |
| Dest. PLU No : | 1 | No Data or Table | | | |
| | | | | | |

Note : If PLU number exists in destination department you will be asked to confirm the move

2.1.5.2 Deleting PLU (Menu code 1142)

(MENU → 1. PLU → 4. Management → 2. Delete)

- If There are three ways to delete PLU. Simply enter the number that you wish to delete.

| PROGRAM MODE 1142 DELETE | | SALE MODE | SAVE | PREV. |
|---|-----------------------|---------------------|------|-------|
| 1. PLU | 1. Delete by PLU No | | | |
| 2. PLU data table I | 2. Delete by Dept. No | | | |
| 3. PLU data table II | 3. Delete All | | | |
| 4. Store data table | | | | |
| 5. Global setting | | | | |
| 6. Report | | | | |
| 7. Print | | | | |
| 8. Scale config | | | | |
| <div style="display: flex; justify-content: space-between;"> ↑ 1/2 ↓ ↑ 1/1 ↓ </div> | | | | |
| > Program Mode > PLU > Management > Delete | | 2014-12-10 17:46:12 | | |

- Touch "1. Delete by PLU No."

| | | | |
|---|-------|---|-------|
| 1 | PRINT | 1 | PRINT |
|---|-------|---|-------|

EX) Department No. : 1
 PLU No. : 1

Note: There is no confirmation request for deletion. After entering the PLU number and pressing Print, the PLU will be deleted.

| PROGRAM MODE 1147 DELETE BY PLU NO | | SALE MODE | SAVE | PREV. |
|------------------------------------|---|-----------|------|-------|
| Department No. | 1 | Grocery | | |
| PLU No. | 1 | Potato | | |
| | | | | |

2.1.5.3 Moving PLU (Menu code 1143)

(MENU → 1. PLU → 4. Management → 3. Move)

- All the PLU information will move with comment (discount, Tax, barcode type, etc)

1. Select Source

1 PRINT 1 PRINT

- Enter the Department No. and PLU No. which you wish to move

EX) Source Department # = 1
Source PLU # = 1

| PROGRAM MODE | 1143 | MOVE | SALE MODE | SAVE | PREV. |
|------------------|------|---------|-----------|------|-------|
| Source Dept No : | 1 | Grocery | | | |
| Source PLU No : | 1 | Potato | | | |
| | | | | | |

2. Select Destination

2 PRINT 1 PRINT

- Enter the Department number where the PLU(s) will be located
- Enter the PLU number that you wish to move the Source PLU into

EX) Destination Department # = 2
Destination PLU # = 1

| PROGRAM MODE | 1143 | MOVE | SALE MODE | SAVE | PREV. |
|-----------------|------|------------------|-----------|------|-------|
| Dest. Dept No : | 2 | Vegetable | | | |
| Dest. PLU No : | 1 | No Data or Table | | | |
| | | | | | |

Note : If PLU number exists in destination department you will be asked to confirm the move

2.1.5.4 Selecting PLU field Items (Menu code 1144)

(MENU → 1. PLU → 4. Management → 4. Select PLU items

- If you enter N, you cannot use that item when you create PLU.

To enter Y, press Y key or 1 key.
To enter N, press N key or 0 key.

| PROGRAM MODE | 1144 | SELECT PLU ITEMS | SALE MODE | SAVE | PREV. |
|--------------|------|------------------|-----------|------|-------|
| Name2 | | N | | | |
| Name3 | | N | | | |
| Group No. | | Y | | | |

Note: You can use the **PAGE UP** and **PAGE DOWN** keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time. A list of all available PLU Field Items can be found at the beginning of Section 2.1.

2.1.5.5 PLU Sale Count(Menu code 1145)

(MENU → 1. PLU → 4. Management → 5. PLU Sale Count

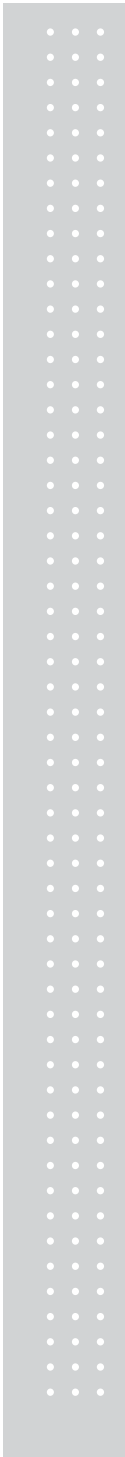
You can count each PLU sale and also you can clear this count.

- The Sale Count function is used to keep track of the number of times a label has been issued for a particular PLU without having to use the Report Menu.



| PROGRAM MODE | 1145 | PLU SALE COUNT | SALE MODE | SAVE | PREV. |
|----------------|------|----------------|-----------|------|-------|
| Department No. | 1 | Grocery | | | |
| PLU No. | 1 | Potato | | | |
| | | | | | |

- To clear the selected PLU Sale Count, press the TEST key. To clear all PLU Sale Counts press the ZERO key.



| | | | | | |
|--------------|-------------------------------|----------------|-----------|------|-------|
| PROGRAM MODE | 1145 | PLU SALE COUNT | SALE MODE | SAVE | PREV. |
| Count: | 3 | | | | |
| | | | | | |
| | [TEST]=clear [ZERO]=clear all | | | | |

2.1.6 Listing PLU (Menu code 1150)

(MENU → 1. PLU → 5. List)

Note: Finding PLU; You need to know department # and PLU #.

1. Enter Department No.

- Enter department number that you wish to see

1 PRINT

EX) Department No. 1

| | | | | | |
|----------------|------|---------|-----------|------|-------|
| PROGRAM MODE | 1150 | LIST | SALE MODE | SAVE | PREV. |
| Department No. | 1 | Grocery | | | |
| | | | | | |
| | | | | | |

2. Enter PLU Range

EX) PLU 1~10

1 PRINT 1 0 PRINT

- Press Print Key to List PLU's on screen. after PLU's are listed on the screen pressing the TEST key will print the PLU's

| | | | | | |
|-----------------------------|------|------|-----------|------|-------|
| PROGRAM MODE | 1150 | LIST | SALE MODE | SAVE | PREV. |
| Start PLU No : | 1 | | | | |
| End PLU No : | 10 | | | | |
| List All – press [SAVE] key | | | | | |

Note: Printing should be done on continuous label stock.



2.1.7 Sample Printing (Menu code 1170)

(MENU → 1. PLU → 7. Sample Printing)

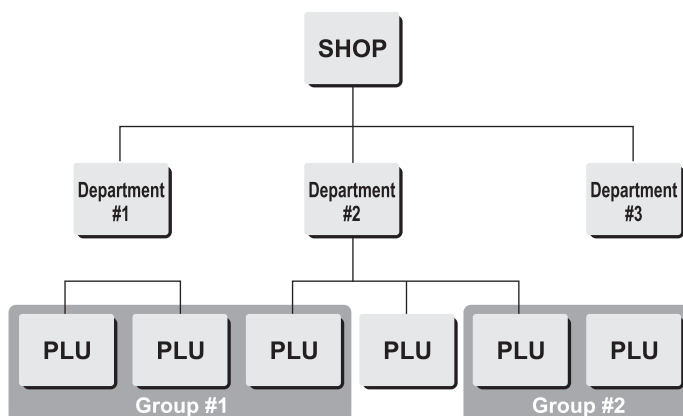
- Used to enable printing a sample PLU label

EX) If set to Yes, when editing an existing PLU or creating a new one, depressing the SAVE key will result in a label being printed with that PLU's information on it.

2.2 Programming PLU Data Table I

In the CL7200 series, PLU's are organized by Departments and sometimes Groups as shown in the figure below. It is important to understand this structure to take advantage of the CL7200 series sophisticated features regarding Label formats, X and Z reports, etc.

Note: Groups can cross-over the hierarchy of the department structure. You can organize PLU's by manufacturer, sales promotions, price range, etc.



Note: The CL7200 series has a sophisticated discount price programming function. The discount price function can be programmed in great detail. Programming may be done very easily using the PC software program CL-Works.

2.2.1 Department (Menu code 1210)

(MENU → 2. PLU Data Table I → 1. Department)

The CL7200 series can be programmed to have up to 99 different departments with like PLU numbers in each department. The Scale ID setting (Menu 1830) determines which PLU's an operator will be able to access on that scale. The operator will only be able to call up PLU's assigned to the Department Number programmed in the Scale ID setting. The Department number can be changed to access the different departments programmed in the scale. Each Department also has a specific Speed Key Set assigned to it in Menu 1830.

2.2.1.1 New/Edit Department (Menu code 1211)

(MENU → 2. PLU Data Table I → 1. Department → 1. New/Edit)

- ◆ You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Department Number

- Department number is available 1 to 99.

2 PRINT

EX) Department No. = 2

2. Department Description

EX) Department Description = GROCERY

G R O C E R Y PRINT

3. Speed Key Setting

- Refer to 2.6 Speed Key

1 PRINT

EX) Speed key set no. = 1

Note: You can select from 5 different Speed Key sets. Refer to Section 2.6 Speed Key Set No.

| PROGRAM MODE | 1211 | NEW/EDIT DEPARTMENT | SALE MODE | SAVE | PREV. |
|------------------|----------|---------------------|-----------|------|-------|
| Department No. | 2 | | | | |
| Description: | GROCERY_ | | | | |
| Speed Key Set No | 1 | | | | |

2.2.1.2 List Department (Menu code 1212)

(MENU → 2. PLU Data Table I → 1. Department → 2. List)

1. Enter the range of Departments wish to see.

1 PRINT 1 0 PRINT

EX) Department 1 to 10

- If you want to print list, press the TEST key.
- Press Print Key to List Departments on screen. After Departments are listed on the screen pressing the TEST key will print the Departments.

2.2.1.3 Delete Department (Menu code 1213)

(MENU → 2. PLU Data Table I → 1. Department → 3. Delete)

1. Enter Department number

2 PRINT

EX) Delete department 2

Note: There is no confirmation request when deleting a Department. Pressing the PRINT key will cause the Department entered to be deleted.

Caution : You can't delete department 1 for keep system's security

| | | | | | |
|----------------|------|-------------------|-----------|------|-------|
| PROGRAM MODE | 1213 | DELETE DEPARTMENT | SALE MODE | SAVE | PREV. |
| Department No. | 2 | GROCERY | | | |
| | | | | | |
| | | | | | |

2.2.2 Group (Menu code 1220)

(MENU → 2. PLU Data Table I → 2. Group)

The Group menu is used to allow PLU's to be grouped regardless of their Department assignments. A PLU must be assigned to a Department but does not have to be assigned to a Group. The User may assign PLU's to a Group for the purpose of tracking sales promotions, manufacturer's information, price ranges, etc.

2.2.2.1 New/Edit Group (Menu code 1221)

(MENU → 2. PLU Data Table I → 1. Group → 1. New/Edit)

You Can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC Key.

1. Enter Group Number

- Group number is available 1 to 99.

1 PRINT

EX) Group No = 1

2. Enter Group Description

B A G E L PRINT

EX) Group Description = BAGEL

| | | | | | |
|--------------|--------|----------------|-----------|------|-------|
| PROGRAM MODE | 1221 | NEW/EDIT GROUP | SALE MODE | SAVE | PREV. |
| Group No. | 1 | | | | |
| Description: | BAGEL_ | | | | |
| | | | | | |

2.2.2.2 List Group (Menu code 1222)

(MENU → 2. PLU Data Table I → 2. Group → 2. List)

1. Set the group range that you wish to see

| | | | | |
|---|-------|---|---|-------|
| 1 | PRINT | 1 | 0 | PRINT |
|---|-------|---|---|-------|

EX) Groups 1~10

•Press Print Key to List Groups on screen. After Groups are listed on the screen, pressing the TEST key will print the Groups.

| | | | | | |
|-----------------------------|------|------------|-----------|------|-------|
| PROGRAM MODE | 1222 | LIST GROUP | SALE MODE | SAVE | PREV. |
| - Start Number : | 1 | | | | |
| - End Number : | 10 | | | | |
| List All - press [SAVE] key | | | | | |

2.2.3 Tax Rate (Menu code 1230)

(MENU → 2. PLU Data Table I → 3. TAXRate)

You can use tax number when you create PLU.

Note: Tax Rate programming requires that a Level 3 Password be entered. See Section 2.14.6 User/Security Configuration.

2.2.3.1 New/Edit Tax Rate (Menu code 1231)

(MENU → 2. PLU Data Table I → 3. TAX Rate → 1. New/Edit)

1. Enter tax number

- TAX number is available 1 to 9
- EX) TAX No. =1

1 PRINT

2. Set Tax Type

- See Tax Type table as below.
- EX) Internal TAX Type

0 PRINT

| Item | Symbol | Description |
|--------------|--------|--------------------------------|
| Internal TAX | 0 | Tax is included in total price |
| External TAX | 1 | Tax is added on total price |

※ Refer to menu code 1873(T.price = price + Tax) on chapter 2.14.7

3. Enter Tax Rate

5 0 0

EX) Tax Rate = 5.00%

| | | | | | |
|-------------------------|------|-------------------|-----------|------|-------|
| PROGRAM MODE | 1231 | NEW/EDIT TAX RATE | SALE MODE | SAVE | PREV. |
| TAX No. | 1 | | | | |
| TAX Type(0=Int/1=Ext) : | 0 | | | | |
| TAX Rate : | 5.00 | | | | |

4. Exit Menu

- If you want to exit, press ESC key.

X
ESC

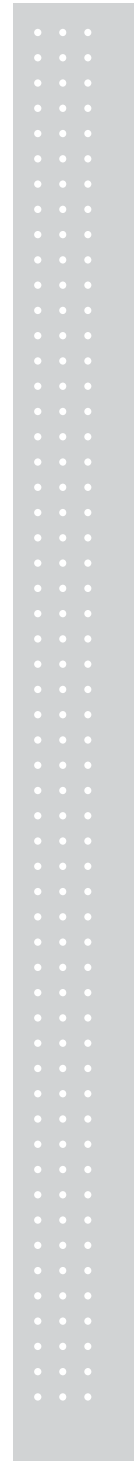
PRINT key will cause the Tax Rate entered to be deleted.

| | | | | | |
|--------------|------|-----------------|-----------|------|-------|
| PROGRAM MODE | 1233 | DELETE TAX RATE | SALE MODE | SAVE | PREV. |
| TAX No. | 1 | | | | |
| | | | | | |
| | | | | | |

2.2.4 Sales Message (Menu code 1240)

(MENU → 2. PLU Data Table I → 4. Sales Message)

Sales message can be printed on PLU labels so long as the format that you use contains a Sales Message field. This is a great tool for advertising and cross-marketing products.



2.2.4.1 New/Edit Sales Message (Menu code 1241)

(MENU → 2. PLU Data Table I → 4. Sales Message → 1. New/Edit)

You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Enter Message Number

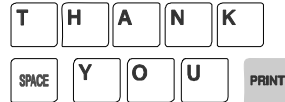
• Message number is available 1 to 99



EX) Message No. = 1

2. Enter Message

EX) Message = THANK YOU



Note: You can use lower case letter and special symbol by pressing shift / ASCII code

| | | | | | |
|---------------|-----------|------------------------|-----------|------|-------|
| PROGRAM MODE | 1241 | NEW/EDIT SALES MESSAGE | SALE MODE | SAVE | PREV. |
| Sales Msg No. | 1 | | | | |
| Message : | Thank You | | | | |
| | | | | | |

3. Exit Menu

• If you want to exit, press ESC key.



2.2.4.2 List Sales Message (Menu code 1242)

(MENU → 2. PLU Data Table I → 4. Sales Message → 2. List)

1. Set the List Range

• Set the range of sales message that you wish to check



EX) 1~10

• Press Print Key to List Sales Messages on screen. After Sales Messages are listed on the screen, pressing the TEST key will print the Sales Messages.

| | | | | | |
|-----------------------------|------|--------------------|-----------|------|-------|
| PROGRAM MODE | 1242 | LIST SALES MESSAGE | SALE MODE | SAVE | PREV. |
| - Start Number : | 1 | | | | |
| - End Number : | 10 | | | | |
| List All - press [SAVE] key | | | | | |

2.2.4.3 Delete Sales Message (Menu code 1243)

(MENU → 2. PLU Data Table I → 4. Sales Message → 3. Delete)

1. Enter Message No.

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

EX) Delete message 1.

Note: There is no confirmation request when deleting a Sales Message. Pressing the PRINT key will cause the Sales Message entered to be deleted.

2.2.5 Origin (Menu code 1250)

(MENU → 2. PLU Data Table I → 5. Origin)

To print the Country of Origin on a Label, the Label Format being used must contain an Origin Field. You can also print the Country of Origin in one of the Commodity Name Lines by using Menu Code 1872. Again, your Label Format must have an area available to print the Origin.

2.2.5.1 New/Edit Origin (Menu code 1251)

(MENU → 2. PLU Data Table I → 5. Origin → 1. New/Edit)

※ You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Enter Origin No.

• Origin number is available 1 to 500

+

EX) Origin No = 10

| | | |
|---|---|-------|
| 1 | 0 | PRINT |
|---|---|-------|

2. Enter Origin

EX) Origin = KOREA

| | | | | | |
|---|---|---|---|---|-------|
| K | O | R | E | A | PRINT |
|---|---|---|---|---|-------|

- Press Print Key to List Origins on screen. After Origins are listed on the screen, pressing the TEST key will print the Origins.

2.2.5.3 Delete Origin (Menu code 1253)

(MENU → 2. PLU Data Table I → 5. Origin → 3. Delete)

1. Enter Origin No.

1 0 PRINT

EX) Delete Origin 10.

Note: There is no confirmation request when deleting a Origin. Pressing the PRINT key will cause the Origin entered to be deleted.

| | | | | | |
|--------------|------|---------------|-----------|------|-------|
| PROGRAM MODE | 1253 | DELETE ORIGIN | SALE MODE | SAVE | PREV. |
| Origin No. | 10 | | | | |
| | | | | | |
| | | | | | |

2.2.6 Barcode (Menu code 1260)

(MENU → 2. PLU Data Table I → 6. Barcode)

Up to 99 different Bar Code Formats can be programmed in the CL7200 series. Different BarCode Formats can be assigned to individual PLU's or one Bar Code Format can be used for all PLU's by enabling the Global Barcode Format Setting (Menu 1520).

2.2.6.1 New/Edit Barcode (Menu code 1261)

(MENU → 2. PLU Data Table I → 6. Barcode → 1. New/Edit)

1. Enter Barcode No.

- This value can be from 1 to 99.

1 PRINT

EX) Barcode No = 1

2. Barcode Description.

EX) Barcode Description = EAN13-1

E A N 1 3 DISC+ DEL 1 PRINT

3. Barcode Type

- Reference following table.

1 PRINT

EX) Barcode Type = 1. EAN-13

| | | | | | |
|--------------|----------|------------------|-----------|------|-------|
| PROGRAM MODE | 1261 | NEW/EDIT BARCODE | SALE MODE | SAVE | PREV. |
| Barcode No. | 1 | | | | |
| Description: | EAN13-1_ | | | | |
| Type : | 1 | EAN-13 | | | |

► type of Barcode

| No. | Type | Description |
|-----|---------|--|
| 1 | EAN-13 | 13digit |
| 2 | EAN13A5 | 13digit + 5digit |
| 3 | EAN-8 | 8 digit |
| 4 | I20F5 | 2~24 digit |
| 5 | UPCA | 12 digit |
| 6 | UPC-13 | 13 digit |
| 7 | CODE39 | Alphanumeric character, Format 'T', prints out the name of PLU. 2~13 Character |
| 8 | CODE93 | Alphanumeric character, Format 'T', prints out the name of PLU. 2~19character |
| 9 | CODE128 | 2~30 digit |
| 10 | CODABAR | 2~20 digit |

4. Enter Barcode Form

- You can select from a list of Barcode types or you can create your own custom format
- Refer to following table.

| | | | | |
|---|-------|---|---|-------|
| 1 | PRINT | G | G | PRINT |
|---|-------|---|---|-------|

EX) Barcode Form = 1. Change
DDIIIIIPPPPC to GGIIIIIVPPPC

| | | | | | |
|--------------|--------------|------------------|-----------|------|-------|
| PROGRAM MODE | 1261 | NEW/EDIT BARCODE | SALE MODE | SAVE | PREV. |
| Form (0~4) : | 1 | | | | |
| | GGIIIIIVPPPC | | | | |
| | | | | | |

► The following defines the format characters for Barcode Formats : Example EAN13)

| Form No. | Format | Form No. | Format |
|----------|----------------------|----------|--------------|
| 0 | User Defined Barcode | 3 | DIIIIIPPPPPC |
| 1 | DDIIIIIPPPPPC | 4 | DIIIIIPPPPPC |
| 2 | DDIIIIIPPPPPC | | |

► The following defines the format characters for Barcode Formats: (Example)

| No. | Symbol | Description |
|-----|--------|---|
| 1 | I | • item code |
| 2 | N | • PLU number |
| 3 | P | • price |
| 4 | V | • price check digit (It is created automatically) |
| 5 | U | • unit price |
| 6 | W | • weight |
| 7 | Q | • quantity |
| 8 | D | • department |
| 9 | G | • group |
| 10 | K | • country code (For future) |
| 11 | A | • ticket counter (Only for ticket) |
| 12 | B | • scale transaction counter |
| 13 | C | • total barcode check sum (It is created automatically) |
| 14 | F | • PLU prefix character |
| 15 | T | • text character |
| 16 | R | • transaction counter for each PLU |
| 17 | L | • clerk number |
| 18 | v | • weight check digit (It is created automatically) |
| 19 | O | • Packed date |
| 20 | S | • Tare value |
| 21 | % | • % : print next fixed character* |
| 22 | 0~9 | • numbers |

*% : It is used to enter characters therefore you can 't use this to enter numbers.

5. Exit Menu

- If you want to exit, press ESC key.



EX) Delete barcode 1.

Note: There is no confirmation request when deleting a Barcode. Pressing the PRINT key will cause the Barcode entered to be deleted.

| | | | | | |
|--------------|------|----------------|-----------|------|-------|
| PROGRAM MODE | 1263 | DELETE BARCODE | SALE MODE | SAVE | PREV. |
| Barcode No. | 1 | | | | |
| | | | | | |
| | | | | | |

2.2.7 Tare (Menu code 1270)

(MENU → 2. PLU Data Table I → 7. Tare)

The CL7200 series can be programmed to use a Tare No. instead of a numeric value. (System Parameter 584) If you are using Tare Numbers they should be programmed prior to programming any PLU's that use a Tare weight.

Note: Tare weights for use in Tare No.'s can be programmed using the known numeric value or by placing the actual container on the scale.

2.2.7.1 New/Edit Tare (Menu code 1271)

(MENU → 2. PLU Data Table I → 7. Tare → 1. New/Edit)

1. Enter Tare No.

- This value can be from 1 to 99.

1 PRINT

EX) Tare No. = 1

2. Tare Description

EX) Tare Description = Container

C O N T A I N E R PRINT

3. Tare Type

- There are 2 types of Tare Weights that can

1 PRINT

Note: There is no confirmation request when deleting a Tare No. Pressing the PRINT key will cause the Tare No. entered to be deleted.

| | | | | | |
|--------------|------|-------------|-----------|------|-------|
| PROGRAM MODE | 1273 | DELETE TARE | SALE MODE | SAVE | PREV. |
| Tare No. | 1 | | | | |
| | | | | | |
| | | | | | |

2.2.7.4 Tare Key (Menu code 1274)

(MENU → 2. PLU Data Table I → 7. Tare → 4. Tare Key)

This menu allows you to assign the Tare No.'s (Menu 1271) to Tare Keys. Tare Keys must be programmed using Menu 1880 Function Key Define. There is a maximum of 9 Tare Function Keys available.

Note: When Special Function Keys are programmed they take the place of PLU Speed Keys, reducing the number of Speed Keys accordingly.

1. Enter tare Key.

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

EX) Tare Key = 1

2. Enter tare number

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

EX) Tare No = 1

Note: Tare No.'s can be 1 to 99.
Tare Keys are 1 to 9 only.

| | | | | | |
|--------------|------|-------------------|-----------|------|-------|
| PROGRAM MODE | 1274 | TARE KEY | SALE MODE | SAVE | PREV. |
| Tare Key : | 1 | | | | |
| Tare No. | 1 | 0.010kg CONTAINER | | | |
| | | | | | |

2.2.8 Unit Symbol (Menu code 1280)

(MENU → 2. PLU Data Table I → 8. Unit Symbol)

This menu allows you to program or change the Unit Symbol that will print on the label for Non Weight or By Count PLU's.

2.2.8.1 New/Edit Unit Symbol (Menu code 1281)

(MENU → 2. PLU Data Table I → 8. Unit Symbol → 1. New/Edit)

You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Enter unit number

- This value can be from 1 to 8.



EX) Qty Unit No. = 1

2. Enter unit symbol

EX) Symbol = ™



- ※ If you want to enter special symbol, press the CHAR key and enter the code value.
(See ASCII code table on chapter 4.4)

| PROGRAM MODE | 1281 | NEW/EDIT UNIT SYMBOL | SALE MODE | SAVE | PREV. |
|--------------|------|----------------------|-----------|------|-------|
| Qty Unit No. | 1 | | | | |
| Symbol : | ™ _ | | | | |
| | | | | | |

3. Exit menu

- If you want to exit, press ESC key.



2.2.8.2 List Unit Symbol (Menu code 1282)

(MENU → 2. PLU Data Table I → 8. Unit Symbol → 2. List)

1. Set the list range



EX) Unit Symbols 1~8

- Press Print Key to List Unit Symbol No.'s on screen. After Unit Symbol No.'s are listed on the screen, pressing the TEST key will print the Unit Symbol No.s.

| | | | | | |
|-----------------------------|------|------------------|-----------|------|-------|
| PROGRAM MODE | 1282 | LIST UNIT SYMBOL | SALE MODE | SAVE | PREV. |
| - Start Number : | 1 | | | | |
| - End Number : | 8 | | | | |
| List All - press [SAVE] key | | | | | |

| | | | | | |
|--|--------|------------------|---------------------|------|-------|
| PROGRAM MODE | 1282 | LIST UNIT SYMBOL | SALE MODE | SAVE | PREV. |
| | 1 TM | | | | |
| | 2 EA | | | | |
| | 3 PACK | | | | |
| | 4 NOS | | | | |
| | 5 | | | | |
| | 6 | | | | |
| | 7 | | | | |
| | 8 | | | | |
| ↑ | | ↓ | | | |
| > Program Mode > PLU data table I > Unit Symbol > List Unit Symbol | | | 2014-12-11 10:45:39 | | |

2.2.8.3 Delete Unit Symbol (Menu code 1283)

(MENU → 2. PLU Data Table I → 8. Unit Symbol → 3. Delete)

1. Enter unit symbol number to delete

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

EX) Delete unit symbol 1.

Note: There is no confirmation request when deleting a Unit Symbol No. Pressing the PRINT key will cause the Unit Symbol No. entered to be deleted.

| | | | | | |
|--------------|------|--------------------|-----------|------|-------|
| PROGRAM MODE | 1283 | DELETE UNIT SYMBOL | SALE MODE | SAVE | PREV. |
| Qty Unit No. | 1 | | | | |
| | | | | | |
| | | | | | |

2.3 Programming PLU Data Table II

2.3.1 Ingredient (Menu code 1310)

(MENU → 3. PLU Data Table II → 1. Ingredient)

2.3.1.1 New/Edit Ingredient (Menu code 1311)

(MENU → 3. PLU Data Table II → 1. Ingredient → 1. New/Edit)

- ◆ You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Enter ingredient number.

- This value can be from 1 to 999.



EX) Ingredient number = 1

2. Enter ingredient

EX) Ingredient Line1 = SALT

EX) To print "SUGAR" on next line, enter "NEW LINE" key after SALT.



- Note: The numbers on the right side of the brackets show the total number of characters used and the maximum number of characters for the ingredient message. Pressing the PAGE UP or PAGE DOWN key will move the cursor to the beginning or end of the brackets respectively.

| | | | | | |
|----------------|-------------|---------------------|-----------|------|-------|
| PROGRAM MODE | 1311 | NEW/EDIT INGREDIENT | SALE MODE | SAVE | PREV. |
| Ingredient No. | 1 | | | | |
| Ingredients | SALT SUGAR_ | | (11/510) | | |
| | | | | | |

3. Exit menu

- If you want to exit, press ESC key.



| | | | | | |
|----------------|------|-------------------|-----------|------|-------|
| PROGRAM MODE | 1313 | DELETE INGREDIENT | SALE MODE | SAVE | PREV. |
| Ingredient No. | 1 | | | | |
| | | | | | |
| | | | | | |

Note: There is no confirmation request when deleting an Ingredient No. Pressing the PRINT key will cause the Ingredient No. entered to be deleted.

Note : **Method of Using** the Ingredient

1.1 Ingredient

Total of 510 characters can be inputted for the Ingredient in the basic setting.

These 510 characters can be used by categorizing them into Ingredient1 and Ingredient2. Categorization code exists to distinguish Ingredient1 and 2. This code can be inputted by using the [CHAR] CODE input key.

Ingredient1 and Ingredient2 are printed onto separate fields in the label format.

Field ID of Ingredient1 is 25, while that for ingredient2 is 26.

1.2 Inputting of Ingredient at the weighing scale

(1) Input Ingredient1 at the ingredient input window (MENU 1311).

(2) After having inputted Ingredient1, press the [CHAR] key to indicate “0000” in the Unit Price box of the VFD window.

(3) Input categorization code (0x0c). “☐” will be indicated.
[0] + [C] + [PRINT]

※ Space (“ ”) instead of “☐” can be indicated depending on the country.

(4) After having inputted Ingredient2 after the “☐”, press the [SAVE] key.

2.3.2 Nutrition Facts (Menu code 1320)

(MENU → 3. PLU Data Table II → 2. Nutrition Facts)

Using this menu you can program Nutrition Facts information that can be linked to individual PLU's.

Note: The printing size of the Nutrition Facts may vary depending on the label format selected.

► Nutrition Facts table

| Nutrition Facts | Description |
|---------------------|-------------|
| Serving Size | Text |
| Serving Per Con | Text |
| Calories | Cal |
| Calories From Fat | Cal |
| Total Fat | g |
| Saturated Fat | g |
| Trans Fat | g |
| Cholesterol | mg |
| Sodium | mg |
| Total Carbohydrates | g |
| Dietary Fibers | g |
| Sugars | g |
| Protein | g |
| Vitamin A | % |
| Calcium | % |
| Vitamin C | % |
| Iron | % |

2.3.2.1. New/Edit Nutrition Facts (Menu code 1321)

(MENU → 3. PLU Data Table II → 2. Nutrition Facts → 1. New/Edit)

- ◆ You can press the **SAVE** key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.
- ◆ You can use the **PAGE UP** and **PAGE DOWN** keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time.

1. Nutrition Fact No

• This value can be from 1 to 500.

1 PRINT

EX) Nutrition fact no = 1

2. Enter description

EX) BEEF STEW

B E E F
S T E W PRINT

3. Enter Serving Size(Text)

EX) Serving size = 1CUP

1 C U P PRINT

| | | | | | |
|-----------------------|-----------|--------------------|-----------|------|-------|
| PROGRAM MODE | 1321 | NEW/EDIT NUTRIFACT | SALE MODE | SAVE | PREV. |
| NutriFact No. | 1 | | | | |
| Description | BEEF STEW | | | | |
| Serving Size (Text) : | 1CUP_ | | | | |

4. Serving Per Container(Text)

EX) Serving Per Container = 2

2 PRINT

5. Calories

EX) Calories = 230

2 3 0 PRINT

6. Calories from fat

EX) Calories From Fat= 120

1 2 0 PRINT

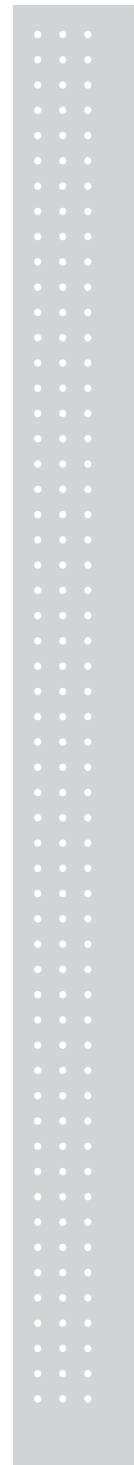
| | | | | | |
|---------------------|------|--------------------|-----------|------|-------|
| PROGRAM MODE | 1321 | NEW/EDIT NUTRIFACT | SALE MODE | SAVE | PREV. |
| Serving Per Con : | 2 | | | | |
| Calories : | 230 | | | | |
| Calories From Fat : | 120 | | | | |

7. Total Fat(g)

EX) Total fat = 14 g

1 4 PRINT

7 PRINT



8. Saturated fat(g)

EX) Saturated fat = 7 g

9. Trans Fat(g)

4 0 PRINT

EX) Trans Fat = 1 g

| PROGRAM MODE | 1321 | NEW/EDIT NUTRIFACT | SALE MODE | SAVE | PREV. |
|------------------|------|--------------------|-----------|------|-------|
| Total Fat(g) | : | 14 | | | |
| Saturated Fat(g) | : | 7 | | | |
| Trans Fat(g) | : | 40 | | | |

10. Cholesterol(mg)

4 0 PRINT

EX) Cholesterol = 40 mg

11. Sodium(mg)

9 5 0 PRINT

EX) Sodium = 950 mg

12. Total Carbohydrate(g)

1 6 PRINT

EX) Total Carbohydrate = 16 g

| PROGRAM MODE | 1321 | NEW/EDIT NUTRIFACT | SALE MODE | SAVE | PREV. |
|-------------------------|------|--------------------|-----------|------|-------|
| Cholesterol (mg) | : | 40 | | | |
| Sodium (mg) | : | 950 | | | |
| Total Carbohydrates (g) | : | 16 | | | |

13. Dietary Fibers(g)

2 PRINT

EX) Dietary Fiber = 2 g

14. Sugars(g)

3 PRINT

EX) Sugars = 3 g

15. Protein(g)

1 1 PRINT

EX) Protein = 11 g

| | | | | | |
|--------------------|------|--------------------|-----------|------|-------|
| PROGRAM MODE | 1321 | NEW/EDIT NUTRIFACT | SALE MODE | SAVE | PREV. |
| Dietary Fibers (g) | : | 2 | | | |
| Sugars (g) | : | 3 | | | |
| Protein (g) | : | 11 | | | |

16. Vitamin A(%)

2 0 PRINT

EX) Vitamin A = 20%

17. Calcium(%)

2 PRINT

EX) Calcium = 2%

18. Vitamin C(%)

0 PRINT

EX) Vitamin C = 0 %

| | | | | | |
|---------------|------|--------------------|-----------|------|-------|
| PROGRAM MODE | 1321 | NEW/EDIT NUTRIFACT | SALE MODE | SAVE | PREV. |
| Vitamin A (%) | : | 20 | | | |
| Calcium (%) | : | 2 | | | |
| Vitamin C (%) | : | 0 | | | |

19. Iron(%)

6 PRINT

EX) Iron = 6 %

| | | | | | |
|--------------|------|--------------------|-----------|------|-------|
| PROGRAM MODE | 1321 | NEW/EDIT NUTRIFACT | SALE MODE | SAVE | PREV. |
| Iron (%) | : | 6 | | | |
| | : | | | | |
| | : | | | | |

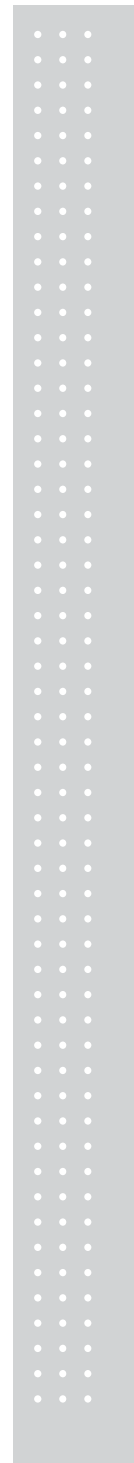
2.3.2.2 List Nutrition Facts (Menu code 1322)

(MENU → 3. PLU Data Table II → 2. Nutrition Facts → 2. List)

1. Set the list range

1 PRINT 8 0 PRINT

| | | | | | |
|---------------|------|------------------|-----------|------|-------|
| PROGRAM MODE | 1323 | DELETE NUTRIFACT | SALE MODE | SAVE | PREV. |
| NutriFact No. | 1 | | | | |
| | | | | | |
| | | | | | |



2.4 Discount Programming

2.4.1 Discount (Menu code 1130)

(MENU → 1. PLU → 3. Discount)

The Discount Programming Menu is used to program promotional pricing for individual PLU's. Discount pricing can be accomplished using Menu code 1130 or by using the CL-Works Software. Discount information must be programmed in each PLU.

2.4.1.1 New/Edit Discount (Menu code 1131)

(MENU → 1. PLU → 3. Discount → 1. New/Edit)

- ◆ You can use the PAGE UP and PAGE DOWN keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time.

1. Enter department number and PLU number.

EX) Department Number = 1
PLU Number = 1

1 PRINT

1 PRINT

| PROGRAM MODE | 1131 | NEW/EDIT DISCOUNT | SALE MODE | SAVE | PREV. |
|----------------|------|-------------------|-----------|------|-------|
| Department No. | 1 | Default | | | |
| PLU No. | 1 | Potato | | | |
| | | | | | |

2. Enter discount type

- Refer to Discount Type table as below

1 PRINT

- ※ Discount information can be different depending on the discount type.
EX) 1. Unit Price Discount

| PROGRAM MODE | 1131 | WEIGHT DISCOUNT | SALE MODE | SAVE | PREV. |
|-----------------|------|------------------------|-----------|------|-------|
| Discount Type : | 1 | | | | |
| | | 1. Unit price discount | | | |
| | | | | | |

► Discount Type

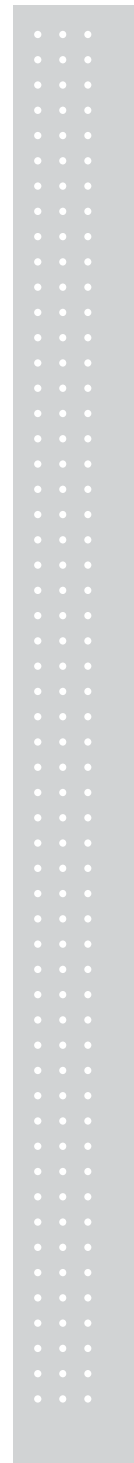
| # | Type | Description |
|----|------------------------------|--|
| 1 | Unit Price Discount | - By Weight PLU: Set the discount amount on unit price, depending on weight. - By Count/PCS PLU: Set the discount amount on unit price, depending on number of items. |
| 2 | % Unit Price Discount | - By Weight PLU: set discount % of unit price, depending on weight. - By Count/PCS PLU: set discount % of unit price, depending on number of items. |
| 3 | Total Price Discount | - Set discount amount for total price. |
| 4 | % Total Price Discount | - Set discount % of total price. |
| 5 | Fixed Price | - Set a fixed amount for discount. |
| 6 | Free Item | - Set free of charge item. |
| 7 | Free Addition | - By Weight PLU: Set discount weight. - By Count/PCS PLU: Set discount number |
| 8 | Total Price by total price | - Set a discount amount of total price for current total price. |
| 9 | % Total Price by Total Price | - Set a discount % of total price for current total price |
| 10 | Unit Price by Total Price | - Set a discount amount of unit price for current total price |
| 11 | Extra by Total Price | - Set a discount number of item for current total price |

※ Please refer to “Parameter” when user wants to also see the unit price discounted on “Unit Price” segment together with total price discounted in display

3. Enter discount value

81

| | | | |
|---|---|---|-------|
| 1 | 0 | 0 | PRINT |
| 1 | 0 | 0 | PRINT |



• Refer to below table.

※ Target unit is different depending on the PLU type. This is By Weight PLU therefore this unit is weight. In case of By count PLU or By PCS PLU, unit is count.

| | | | | | |
|---------------------|-------|-----------------|-----------|------|-------|
| PROGRAM MODE | 1131 | WEIGHT DISCOUNT | SALE MODE | SAVE | PREV. |
| First Target : (kg) | 0.100 | | | | |
| First Value : (\$) | 1.00 | | | | |
| | | | | | |

EX) 1st Target: 0.100 Kg
 1st Value: 1.00 \$
 2nd Target: 0.500 Kg
 2nd Value: 2.00 \$

5 0 0 PRINT

2 0 0 PRINT

| | | | | | |
|----------------------|-------|-----------------|-----------|------|-------|
| PROGRAM MODE | 1131 | WEIGHT DISCOUNT | SALE MODE | SAVE | PREV. |
| Second Target : (kg) | 0.500 | | | | |
| Second Value : (\$) | 2.00 | | | | |
| | | | | | |

| No. | Type | Description |
|-----|----------------------|--|
| 1 | First Target Weight | Set weight limit for 1st stage of discount. |
| 2 | First Value Price | Set the discount amount of unit price for the first weight limit. |
| 3 | Second Target Weight | Set weight limit for 2nd stage of discount. |
| 4 | Second Value Price | Set the discount amount of unit price for the second weight limit. |

4. Discount Condition 1:
 (Set the day of week)

0 0 0 0

1 1 1 PRINT

1 -> Discount
 0 -> Do not discount

EX) Discount on Thursday, Friday and Saturday

| | | | | | |
|----------------------------|---------|-----------------|-----------|------|-------|
| PROGRAM MODE | 1131 | WEIGHT DISCOUNT | SALE MODE | SAVE | PREV. |
| Input '1' or '0' [SMTWTFS] | | | | | |
| Day of Week : | 0000111 | | | | |
| | | | | | |

**5. Discount Condition 2
(Set date and time)**

| | | | | | | |
|---|---|---|---|---|---|-------|
| 0 | 4 | 0 | 7 | 0 | 1 | PRINT |
| 0 | 4 | 0 | 7 | 3 | 1 | PRINT |

- If you set date and time to 0, it means discount all the time

EX) Start Date : 04-07-01, End Date : 04-07-31

| | | | | | |
|--------------|----------|-----------------|-----------|------|-------|
| PROGRAM MODE | 1131 | WEIGHT DISCOUNT | SALE MODE | SAVE | PREV. |
| Start Date : | 04-07-01 | | | | |
| End Date : | 04-07-31 | | | | |
| | | | | | |

EX) Start Time : 8am, End Time : 6:30pm

| | | | | | | |
|---|---|---|---|---|---|-------|
| 0 | 8 | 0 | 0 | 0 | 0 | PRINT |
| 1 | 8 | 3 | 0 | 0 | 0 | PRINT |

| | | | | | |
|--------------|----------|-----------------|-----------|------|-------|
| PROGRAM MODE | 1131 | WEIGHT DISCOUNT | SALE MODE | SAVE | PREV. |
| Start Time : | 08:00:00 | | | | |
| End Time : | 18:30:00 | | | | |
| | | | | | |

6. Exit menu

- If you want to exit, press the ESC key.



2.4.1.2 List Discount (Menu code 1132)

(MENU → 1. PLU → 3. Discount → 2. List)

1. Enter department number to check

EX) Department No 1.

1 PRINT

| | | | | | |
|----------------|------|---------------|-----------|------|-------|
| PROGRAM MODE | 1132 | LIST DISCOUNT | SALE MODE | SAVE | PREV. |
| Department No. | 1 | Default | | | |
| | | | | | |
| | | | | | |

2. Enter PLU range to check

1 PRINT

1 0 PRINT

EX) PLU No.'s 1~10

Press Print Key to List Discount type of PLU No.'s on screen.

After Discount type of PLU No.'s are listed on the screen, pressing the TEST key will print the Discount type of PLU No.'s.

| | | | | | |
|-----------------------------|------|---------------|-----------|------|-------|
| PROGRAM MODE | 1132 | LIST DISCOUNT | SALE MODE | SAVE | PREV. |
| Start PLU No : | 1 | | | | |
| End PLU No : | 10 | | | | |
| List All - press [SAVE] key | | | | | |

2.4.1.3 Delete Discount (Menu code 1133)

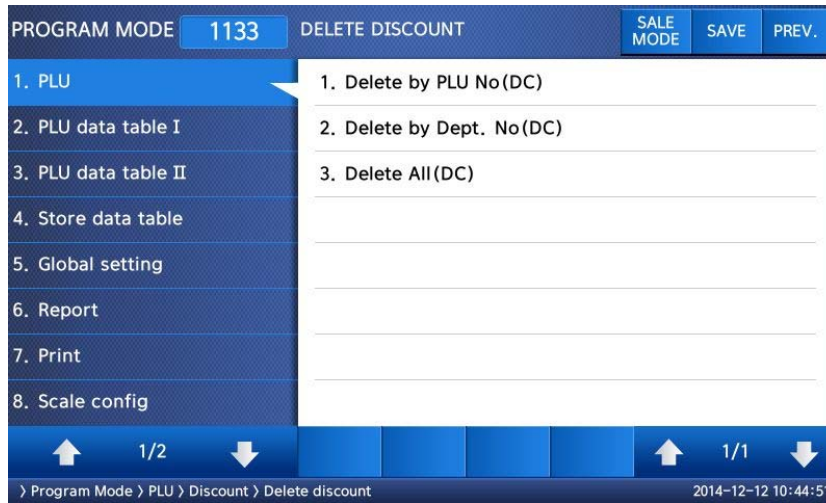
(MENU → 1. PLU → 3. Discount → 3. Delete)

- ◆ There are three ways to delete Discount. Simply enter the number that you wish to delete.

1) Delete by PLU No. (DC) (Menu code 1137)

(MENU → 1. PLU → 3. Discount → 3. Delete → 1. Delete by PLU no.(DC))

EX) Press 1 key to select Delete by PLU No.(DC)

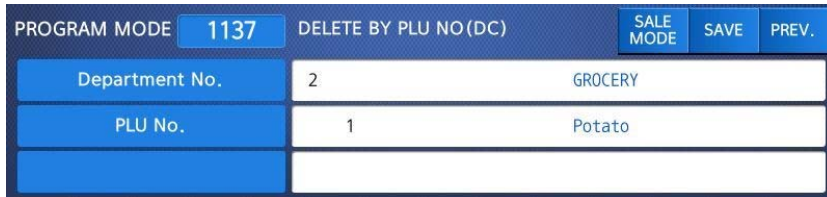


1. Enter the department number and PLU number to delete

EX) Department number = 2
 PLU No. = 1



Note: There is no confirmation request when deleting a Discount of a PLU No. Pressing the PRINT key will cause the Discount of the PLU No. entered to be deleted.



2) Delete by Dept. No. (DC) (Menu code 1138)

(MENU → 1. PLU → 3. Discount → 3. Delete → 2. Delete by Dept. No (DC))

EX) Press 2 key to select Delete by Dept. No.(DC)

| PROGRAM MODE | 1133 | DELETE DISCOUNT | SALE MODE | SAVE | PREV. |
|----------------------|------|---------------------------|-----------|------|-------|
| 1. PLU | | 1. Delete by PLU No(DC) | | | |
| 2. PLU data table I | | 2. Delete by Dept. No(DC) | | | |
| 3. PLU data table II | | 3. Delete All(DC) | | | |
| 4. Store data table | | | | | |
| 5. Global setting | | | | | |
| 6. Report | | | | | |
| 7. Print | | | | | |
| 8. Scale config | | | | | |

> Program Mode > PLU > Discount > Delete discount 2014-12-12 10:44:51

1. Enter the department number to delete

2 PRINT

EX) Department number = 2

Note: There is no confirmation request when deleting a Discounts by Department No. Pressing the PRINT key will cause all Discounts in the Department Number entered to be deleted.

| PROGRAM MODE | 1138 | DELETE BY DEPT. NO(DC) | SALE MODE | SAVE | PREV. |
|----------------|------|------------------------|-----------|------|-------|
| Department No. | 2 | GROCERY | | | |
| | | | | | |
| | | | | | |

> Program Mode > PLU > Discount > Delete discount 2014-12-12 10:44:51

3) Delete ALL (DC) (Menu code 1139)

(MENU → 1. PLU → 3. Discount → 3. Delete → 3. Delete ALL(DC))

EX) Press 3 key to select Delete all(DC)

| | | | | | |
|---|---------------------------|-----------------|---------------------|------|-------|
| PROGRAM MODE | 1133 | DELETE DISCOUNT | SALE MODE | SAVE | PREV. |
| 1. PLU | 1. Delete by PLU No(DC) | | | | |
| 2. PLU data table I | 2. Delete by Dept. No(DC) | | | | |
| 3. PLU data table II | 3. Delete All(DC) | | | | |
| 4. Store data table | | | | | |
| 5. Global setting | | | | | |
| 6. Report | | | | | |
| 7. Print | | | | | |
| 8. Scale config | | | | | |
| ↑ | 1/2 | ↓ | ↑ | 1/1 | ↓ |
| } Program Mode } PLU } Discount } Delete discount | | | 2014-12-12 10:44:51 | | |

Press 1 key to select Delete all (DC)

Note: There is no confirmation request when deleting all Discounts. Pressing the PRINT key will cause All Discounts in all Departments to be deleted.

1 PRINT

| | | | | | |
|------------------------|------|----------------|-----------|------|-------|
| PROGRAM MODE | 1139 | DELETE ALL(DC) | SALE MODE | SAVE | PREV. |
| Are you sure?(1=Y/0=N) | Y | | | | |
| | | | | | |
| | | | | | |

2.5 Global Discount Programming

2.5.1 Global Discount (Menu code 1530)

(MENU → 5. Global Setting → 3. Discount)

This menu is used to select what type of Discount is applied to a PLU. You can select to use a Global Discount for all PLU's, apply Discounts based on individual PLU's or use no Discount at all. Refer to the chart below for all options.

2.5.1.1 Priority Setting (Menu code 1531)

(MENU → 5. Global → 3. Discount → 1. Priority)

This menu is used to determine which Discount will have priority. Refer to the chart below.

Note: Discount information can be seen on the display using Menu code 1871. (See chapter 2.14.7) Discount information is also printed on the label.

► Discount Priority Setting

| No | Type | Description |
|----|--------------------------------|---|
| 0 | No Discount | No discount applied |
| 1 | PLU Discount | PLU discount only applied |
| 2 | Global Discount | Global discount only applied |
| 3 | No Discount in PLU then Global | PLU discount is applied. If there is no PLU discount, apply global discount |

2.5.1.2 Weight/Count/PCS Discount (Menu code 1532/1533/1534)

(MENU → 5. Global → 3. Discount → 1. Priority)

If you want to use the Global Discount method and apply the same discount regardless of PLU, you can set the Discount information in Menu code 1532, 1533 and 1534. You can use the same procedures shown in chapter 2.4.2.

Global Discount condition by weight Item (Menu code 1532)

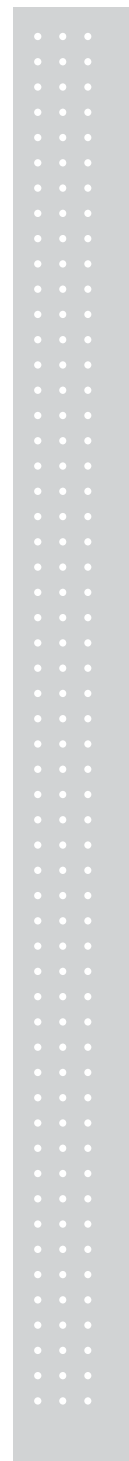
(MENU → 5. Global Setting → 3. Discount → 2. Weight discount)

Global Discount condition by Count Item (Menu code 1533)

(MENU → 5. Global Setting → 3. Discount → 3. Count discount)

Global Discount condition by PCS Item (Menu code 1534)

(MENU → 5. Global Setting → 3. Discount → 4. PCS discount)



2.6 Speed Key Setting (Menu code 1160)

(MENU → 1. PLU → 6. Speed Key)

This menu is used to program Speed keys. Speed keys are short-cut keys used to allow quick access to the most frequently used PLU's in a department.

1. Speed Key Set No.

You can program up to 5 different Speed Key Sets but only one set can be used in a department at a time. The Speed Key Set that is used in a department is determined by Menu code 1211 (chapter 2.2.1.1)
Select speed key set no. You can use this number when you program menu 1211.

EX1) Speed key set No. = 2

2. Speed Key Programming

• The Speed keys are numbered left-to-right and top-to-bottom. there are 72 keys if you press the SHIFT key and then one of the 72 Speed keys, then you can access Speed keys 73 through 144

EX1) Speed key no. 1

3. PLU No.

- Enter PLU no. to assign speed key
- PLU should be belong to scale department.

* Press the "TEST" key in this column will be assigned to function keys instead of the PLU. For the function number, please see the description of the menu 1880.

EX1) PLU 10 = BEEF

| PROGRAM MODE | 1161 | SPEED KEY | SALE MODE | SAVE | PREV. |
|------------------|------|-----------|-----------|------|-------|
| Speed Key Set No | | 2 | | | |
| Speed key No | | 1 | | | |
| PLU No. | | 10 | | BEEF | |

4. Background Color

You can set the key color. The list is shown below.

1: White, 2: Gray, 3: Dodger Blue, 4: Royal Blue, 5: Midnight Blue, 6: Green, 7: Orange, 8: Pink, 9: Purple

5. Font Color

You can change the text color that appears on the speed key.

1: Black, 2: Red, 3: Green, 4: Blue, 5: Yellow, 6: Aqua, 7: Pink, 8: White, 9: Gray

6. Cell Size

You can set the size of the speed key.

- 1: 1 by 1
- 2: 2 by 1
- 3: 1 by 2
- 4: 2 by 2

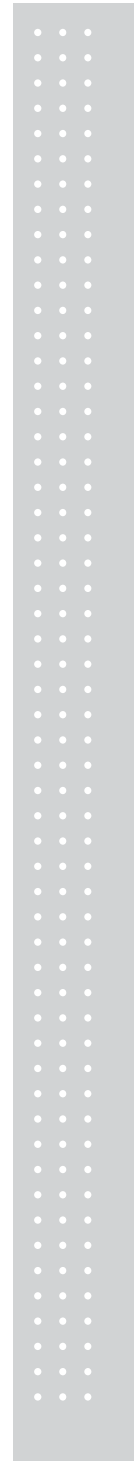
| PROGRAM MODE | 1161 | SPEED KEY | SALE MODE | SAVE | PREV. |
|--------------------|------|-----------|-----------|------|-------|
| Background Color : | 1 | White | | | |
| Font Color : | 1 | Black | | | |
| Cell Size : | 1 | 1X1 | | | |

7. Font Size

You can change the size of the text shown on the speedkey.

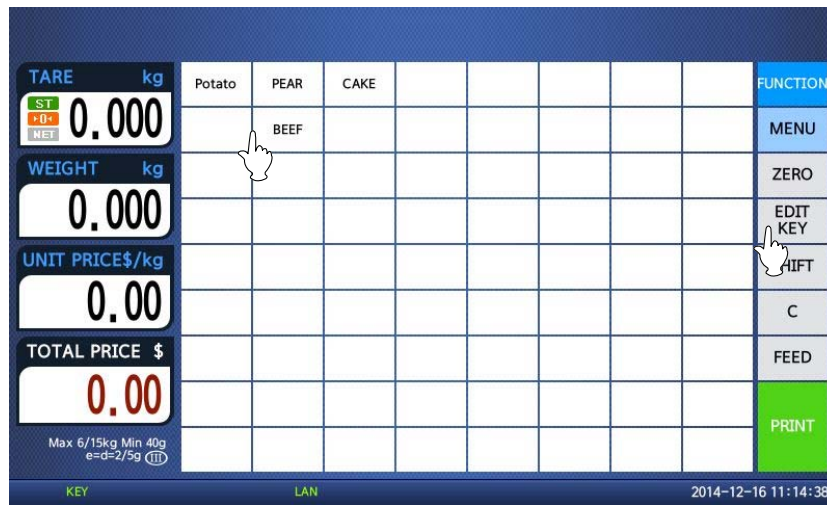
1 ~ 40 points


| PROGRAM MODE | 1161 | SPEED KEY | SALE MODE | SAVE | PREV. |
|--------------|------|-----------|-----------|------|-------|
| Font Size : | 13 | | | | |
| | | | | | |
| | | | | | |



8. Effective way to set speed key in sale mode.

1) Press the "EDIT KEY" key to change to the speed key setting mode.



- 2) Press the  speed key to set, then the menu is displayed on the screen.
- 3) Input the desired value. (Enter the same way the menu above 1160.)
- 4) Store settings by pressing the "SAVE" key.
- 5) Press "EDIT KEY" key to go back to the sale mode.

2.7 Traceability

2.7.1 Traceability (Menu code 1330)

(MENU → 3. PLU Date Table II → 3. Traceability)

This Menu is used to program the history of a PLU. You must follow local Traceability regulations when using this menu.

Note: You should program the Country Code (Menu 1340), Slaughter House (Menu 1350) and Cutting Hall (Menu 1360) before programming the Traceability.

2.7.1.1 New/Edit Traceability (Menu code 1331)

(MENU → 3. PLU Date Table II → 3. Traceability → 1. New/Edit)

- ▶ You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Enter traceability number

- This value can be from 1 to 99.

1 PRINT

EX) Traceability number = 1

2. Enter description

S I R L

EX) Description = SIRLOIN

O I N PRINT

| PROGRAM MODE | 1331 | NEW/EDIT TRACEABILITY | SALE MODE | SAVE | PREV. |
|------------------|----------|-----------------------|-----------|------|-------|
| Traceability No. | 1 | | | | |
| Description: | SIRLOIN_ | | | | |
| | | | | | |

3. Born in country number

1 PRINT

EX) Born in country No. = 1. SWEDEN

4. Bred in country number

9 5 PRINT

EX) Bred in country No. = 95. KOREA

| | | | | | |
|----------------------|------|-----------------------|-----------|------|-------|
| PROGRAM MODE | 1331 | NEW/EDIT TRACEABILITY | SALE MODE | SAVE | PREV. |
| Born in country No : | 1 | SWEDEN | | | |
| Bred in country No : | 95 | KOREA | | | |
| | | | | | |

5. Slaughter house number

1 2 PRINT

EX) Slaughter house No. = 12. BILLY S

6. Cutting hall number

2 3 PRINT

EX) Cutting hall No. = 23. HAN S CUT

| | | | | | |
|----------------------|------|-----------------------|-----------|------|-------|
| PROGRAM MODE | 1331 | NEW/EDIT TRACEABILITY | SALE MODE | SAVE | PREV. |
| Slaughter house No : | 12 | BILLY S | | | |
| Cutting hall No : | 23 | HAN S CUT | | | |
| | | | | | |

7. Exit menu

X
ESC

• If you want to exit, press ESC key.

2.7.1.2 List Traceability (Menu code 1332)

(MENU → 3. PLU Date Table II → 3. Traceability → 2. List)

1. Set the list range

1 PRINT 1 0 PRINT

• Ex.) Traceability No.'s 1~10

Press Print Key to List Traceability No.'s on Screen.

After Traceability No.'s are listed on the screen, pressing the TEST key will print the Traceability No.'s.

| | | | | | |
|------------------|------|---------------------|-----------|------|-------|
| PROGRAM MODE | 1333 | DELETE TRACEABILITY | SALE MODE | SAVE | PREV. |
| Traceability No. | 2 | | | | |
| | | | | | |
| | | | | | |

2.8 Country Programming

2.8.1 Country (Menu code 1340)

(MENU → 3. PLU Date Table II → 4. Country)

This menu is used to program Country information. Country information is used when programming Traceability Numbers. Therefore Country information programming should be completed prior to programming Traceability.(Menu 1330)

2.8.1.1 New/Edit Country (Menu code 1341)

(MENU → 3. PLU Date Table II → 4. Country → 1. New/Edit)

- ▶ You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

1. Enter country number

- This value can be from 1 to 999.

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

EX) Country No. = 1

2. Enter country name

| | | | | | |
|---|---|---|---|---|-------|
| K | O | R | E | A | PRINT |
|---|---|---|---|---|-------|

EX) Name = KOREA

| | | | | | |
|--------------------|-------|------------------|-----------|------|-------|
| PROGRAM MODE | 1341 | NEW/EDIT COUNTRY | SALE MODE | SAVE | PREV. |
| Enter country No : | 1 | | | | |
| Name : | KOREA | | | | |
| | | | | | |

3. Exit menu

- If you want to exit, press ESC key.

| |
|-----|
| X |
| ESC |

2.8.1.2 List Country (Menu code 1342)

(MENU → 3. PLU Date Table II → 4. Country → 2. List)

1. Set the list range

- Set the list range to check

EX) Country No.'s 1~10

Press Print Key to List Country No.'s on screen.

After Country No.'s are listed on the screen, pressing the TEST key will print the Country No.'s.

| PROGRAM MODE | 1342 | LIST COUNTRY | SALE MODE | SAVE | PREV. |
|-----------------------------|------|--------------|-----------|------|-------|
| - Start Number : | | 1 | | | |
| - End Number : | | 10 | | | |
| List All - press [SAVE] key | | | | | |

2.8.1.3 Delete Country (Menu code 1343)

(MENU → 3. PLU Date Table II → 4. Country → 3. Delete)

1. Enter country number to delete

EX) Delete country no. 1

Note: There is no confirmation request when deleting a Country No. Pressing the PRINT key will cause the Country No. entered to be deleted.

| PROGRAM MODE | 1343 | DELETE COUNTRY | SALE MODE | SAVE | PREV. |
|--------------------|------|----------------|-----------|------|-------|
| Enter country No : | | 1 | | | |
| | | | | | |
| | | | | | |

2.9 Programming Slaughter House

2.9.1 Slaughter House (Menu code 1350)

(MENU → 3. PLU Date Table II → 5. Slaughter House)

This menu is used to program Slaughter House information. Slaughter House information is used when programming Traceability Numbers. Therefore Slaughter House information programming should be completed prior to programming Traceability.(Menu 1330)

2.9.1.1 New/Edit Slaughter House (Menu code 1351)

(MENU → 3. PLU Date Table II → 5. Slaughter House → 1. New/Edit)

- ▶ You can press the **SAVE** key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

1. Enter slaughter House number

- This value can be from 1 to 999.

1 PRINT

EX) Slaughter house No. = 1

2. Enter Slaughter House

- Enter slaughter house name or registered number.

K S H 1 2 PRINT

EX) Slaughter house registered no. = KSH12

3. Enter slaughter house country number

- You can use contry number which is programmed at menu 1341

1 PRINT

EX) Slaughter house Country No. = 1. KOREA

| PROGRAM MODE | 1351 | NEW/EDIT SLAUGHTER HOUS | SALE MODE | SAVE | PREV. |
|----------------------------|-------|-------------------------|-----------|------|-------|
| Enter slaughter house No : | 1 | | | | |
| House : | KSH12 | | | | |
| Country: | 1 | | KOREA | | |

4. Exit menu

- If you want to exit without making any changes, press ESC key.

X
ESC

2.9.1.2 List Slaughter House (Menu code 1352)

(MENU → 3. PLU Date Table II → 5. Slaughter House → 2. List)

1. Set the list range

- Enter list range to check

| | | | | |
|---|-------|---|---|-------|
| 1 | PRINT | 1 | 0 | PRINT |
|---|-------|---|---|-------|

EX) Slaughter House No.'s 1~10

Press Print Key to List Slaughter House No.'s on screen.

After Slaughter House No.'s are listed on the screen, pressing the TEST key will print the Slaughter House No.'s.

| | | | | | |
|-----------------------------|------|----------------------|-----------|------|-------|
| PROGRAM MODE | 1352 | LIST SLAUGHTER HOUSE | SALE MODE | SAVE | PREV. |
| - Start Number : | 1 | | | | |
| - End Number : | 10 | | | | |
| List All - press [SAVE] key | | | | | |

2.9.1.3 Delete Slaughter House (Menu code 1353)

(MENU → 3. PLU Date Table II → 5. Slaughter House → 3. Delete)

1. Enter slaughter House number

- 1. Enter slaughter house number to delete

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

EX) Delete slaughter house no. 1

Note: There is no confirmation request when deleting a Slaughter House No. Pressing the PRINT key will cause the Slaughter House No. entered to be deleted.

| | | | | | |
|----------------------------|------|------------------------|-----------|------|-------|
| PROGRAM MODE | 1353 | DELETE SLAUGHTER HOUSE | SALE MODE | SAVE | PREV. |
| Enter slaughter house No : | 1 | | | | |
| | | | | | |
| | | | | | |

2.10 Programming Cutting Hall

2.10.1 Cutting Hall (Menu code 1360)

(MENU → 3. PLU Date Table II → 6. Cutting Hall)

This menu is used to program Cutting Hall information. Cutting Hall information is used when programming Traceability Numbers. Therefore Cutting Hall information programming should be completed prior to programming Traceability.(Menu 1330)

2.10.1.1 New/Edit Cutting Hall (Menu code 1361)

(MENU → 3. PLU Date Table II → 6. Cutting Hall → 1. New/Edit)

- You can press the **SAVE** key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

1. Enter cutting hall number

- This value can be from 1 to 99

1 PRINT

EX) Cutting hall no. = 1

2. Enter cutting hall information

- Enter cutting hall name or registered number.

K C H 1 2 PRINT

EX) Cutting hall registered number = KSH12

3. Cutting hall Country number

- You can use country number which is programmed at menu 1341 (See page 74)

1 PRINT

EX) Cutting Hall Country no. = 1. KOREA

| PROGRAM MODE | 1361 | NEW/EDIT CUTTING HALL | SALE MODE | SAVE | PREV. |
|-------------------------|-------|-----------------------|-----------|------|-------|
| Enter Cutting Hall No : | 1 | | | | |
| Hall : | KCH12 | | | | |
| Country: | 1 | | KOREA | | |

4. Exit menu

- If you want to exit, press ESC key.

X
ESC

EX) Delete cutting hall no. 1

Note: There is no confirmation request when deleting a Cutting Hall No. Pressing the PRINT key will cause the Cutting Hall No. entered to be deleted.

| | | | | | |
|-------------------------|------|---------------------|-----------|------|-------|
| PROGRAM MODE | 1363 | DELETE CUTTING HALL | SALE MODE | SAVE | PREV. |
| Enter Cutting Hall No : | 1 | | | | |
| | | | | | |
| | | | | | |

2.11 Programming Store Data

This chapter explains how to access and program Store Data, Customer Information, Scrolling Messages and Currency Data.

2.11.1 Store Data (Menu code 1410)

(MENU → 4. Store Data Table → 1. Store)

This menu shows how to program Store Data information.

2.11.1.1 New/Edit Store (Menu code 1411)

(MENU → 4. Store Data Table → 1. Store → 1. New/Edit Store)

1. Enter store number.

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

EX) #1

2. Press PRINT key and enter appropriate text in NAME .

| | | | | | | | | | |
|---|---|---|---|---|-------|--|--|--|--|
| C | A | S | | | | | | | |
| S | T | O | R | E | PRINT | | | | |

EX) NAME = CAS STORE

3. Press PRINT key, then user may enter other store information such as TELEPHONE NUMBER or any text information.

EX) TEL.#=2019339002,

| | | | | | |
|--------------|-------------|----------------|-----------|------|-------|
| PROGRAM MODE | 1411 | NEW/EDIT STORE | SALE MODE | SAVE | PREV. |
| Store No. : | 1 | | | | |
| Name : | CAS STORE | | | | |
| TEL : | 2019339002_ | | | | |

TEXT=NJ CAS office

| | | | | | |
|--------------|---------------|----------------|-----------|------|-------|
| PROGRAM MODE | 1411 | NEW/EDIT STORE | SALE MODE | SAVE | PREV. |
| Text : | NJ CAS OFFICE | | | | |
| | | | | | |
| | | | | | |

4. Press PRINT key and user may go back to STORE main menu by using ESC key.



2.11.1.2 List Store (Menu code 1412)

(MENU → 4. Store Data Table → 1. Store → 2. List Store)

- ➔ This menu shows the list of STORE saved.
- ➔ Press 2 in STORE menu to get into LIST STORE menu.
- ➔ Press SAVE key to list all of STORE information saved.

1. Set the list rang

- Set the list range to check



EX) Store No.'s 1~10

Press Print Key to List Store No.'s on screen.

After Store No.'s are listed on the screen, pressing the TEST key will print the Store No.'s.

| | | | | | |
|--------------|---|--------------|-----------|------|-------|
| PROGRAM MODE | | DELETE STORE | SALE MODE | SAVE | PREV. |
| Store No. : | 1 | | | | |
| | | | | | |
| | | | | | |

2.11.2 Customer (Menu code 1420)

(MENU → 4. Store Data Table → 2. Customer)

This Menu is used to program the Customer Information. Customer Information is used to manage a specific Customer's Accounts Receivable. It is used in the Clerk Mode when issuing a receipt for a Credit Transaction.

EX) Pre-paid Customer, Monthly payment, etc.

2.11.2.1 New/Edit Customer (Menu code 1421)

(MENU → 4. Store Data Table → 2. Customer → 1. New/Edit)

1. Enter Customer number and press "PRINT" key.



EX) Customer No.=1,

2. Enter other informations in [], such as Name, Address1, and Address2.



EX) NAME=TOM
ADDRESS 1=99 Murry hill.
ADDRESS 2=East ford

| | | | | | |
|----------------|----------------|-------------------|-----------|------|-------|
| PROGRAM MODE | 1421 | NEW/EDIT CUSTOMER | SALE MODE | SAVE | PREV. |
| Customer No. : | 1 | | | | |
| Name : | TOM | | | | |
| Address 1 : | 99 Murry hill_ | | | | |

3. Press "PRINT" key, then user may enter the Address 3, TEL. Number and customer s CREDIT LIMIT AMOUNT.

EX) ADDRESS3=NJ 07073

| | | | | | | | | | | |
|---|---|---|---|---|---|---|-------|---|---|-------|
| N | J | 0 | 7 | 0 | 7 | 3 | PRINT | | | |
| 2 | 0 | 1 | 9 | 3 | 3 | 9 | 0 | 0 | 2 | PRINT |
| 2 | 0 | 0 | 0 | 0 | | | | | | |

TEL=2019339002
 CREDIT LIMIT AMOUNT0=200.00

| | | | | | |
|--------------|------------|-------------------|-----------|------|-------|
| PROGRAM MODE | 1421 | NEW/EDIT CUSTOMER | SALE MODE | SAVE | PREV. |
| Address 2 : | East ford | | | | |
| Address 3 : | NJ 07073 | | | | |
| TEL : | 2019339002 | | | | |

| | | | | | |
|-----------------------|--------|-------------------|-----------|------|-------|
| PROGRAM MODE | 1421 | NEW/EDIT CUSTOMER | SALE MODE | SAVE | PREV. |
| Credit Limit Amount : | 200.00 | | | | |
| | | | | | |
| | | | | | |

4. Press "PRINT" key, to enter the information. User may go back to main CUSTOMER menu by pressing "ESC" key.

2.11.2.2 List Customer (Menu code 1422)

(MENU → 4. Store Data Table → 2. Customer → 2. List)

This Menu allows you to list the Customer No.'s on the screen or print them out for your records.

1. Set the list range

- Set the list range to check

| | | | | |
|---|-------|---|---|-------|
| 1 | PRINT | 1 | 0 | PRINT |
|---|-------|---|---|-------|

EX) Customer No.'s 1~10

- Press Print Key to List Customer No.'s on screen.
 After Customer No.'s are listed on the screen, pressing the TEST key will print the Customer No.'s.

| | | | | | |
|----------------------|------|---------------|-----------|------|-------|
| PROGRAM MODE | 1422 | LIST CUSTOMER | SALE MODE | SAVE | PREV. |
| Start Customer No. : | 1 | | | | |
| End Customer No. : | 10 | | | | |
| | | | | | |

2.11.3 Scroll Message (Menu code 1430)

(MENU → 4. Store Data Table → 3. Scroll Message)

This Menu is used to program the Scrolling Message function in the CL7200 series. The Scrolling Message can be used for advertisements, sales promotions, sales messages, etc.

2.11.3.1 Configuration (Menu Code 1431)

(MENU → 4. Store Data Table → 3. Scroll Message → 1. Configuration)

The configuration function allows you to program the wait time and speaker volume for playing movie.

1. Configuration

- User may set the wait time from 1 to 6000 seconds. Setting wait-time as 0 means NO use.

5 PRINT

- Wait-time

This value can be from 1 to 6000 seconds.

Ex.) 5 seconds

- Speaker Volume

This value can be from 0 to 100.

| PROGRAM MODE | 1431 | CONFIGURATION | SALE MODE | SAVE | PREV. |
|------------------|------|---------------|-----------|------|-------|
| Wait Time(1s) : | | 5 | | | |
| Speaker Volume : | | 100 | | | |
| | | | | | |

2.11.3.2 Edit Scroll Message (Menu Code 1432)

(MENU → 4. Store Data Table → 3. Scroll Message → 2. Edit Scroll Message)

1. Set whether or not to use the ad.

To use the advertising message to "Y(1)" key, press the "N(0)" key to disable it.

| PROGRAM MODE | 1432 | EDIT SCROLL MESSAGE | SALE MODE | SAVE | PREV. |
|------------------|------|---------------------|-----------|------|-------|
| Use message(Y/N) | | Y | | | |
| | | | | | |
| | | | | | |

2.11.4 Currency (Menu code 1440)

(MENU → 4. Store Data Table → 4. Currency)

User may save rate of currency to default currency and convert to another currency simply by this function.

☞ Please refer to Menu 1880 Function key definition .

2.11.4.1 New/Edit Currency (Menu Code 1441)

(MENU → 4. Store Data Table → 4. Currency → 1. New/Edit)

1. Numbering Currency

- You can save up to 4 different currencies by numbering 1~4.

1 PRINT

EX) Currency No. = 1

2. Rate Decimal Point

- Enter the Rate Decimal Point (default = 4)

3 PRINT

EX) Rate Decimal Point = 3

3. Currency Rate.

- Enter comparative rate of currency to default currency set.

EX) Default currency = \$1.00

Comparative currency rate to default Currency = 12.800

1 2 8 0 0 PRINT

| PROGRAM MODE | 1441 | NEW/EDIT CURRENCY | SALE MODE | SAVE | PREV. |
|---------------------|--------|-------------------|-----------|------|-------|
| Enter Currency No: | 1 | | | | |
| Rate Decimal Point: | 3 | | | | |
| Currency Rate: | 12.800 | | | | |

4. Primary Sign

- Enter the first currency sign to be changed.

EX) Primary Sign = €

CHAR 8 0 PRINT

5. Last Symbol

- Enter the last currency symbol to be changed.

PRINT

EX) No last symbol

6. Price Decimal Digit

• Enter the number of decimal digit

2 PRINT

EX) Price Decimal point digit = 2

| | | | | | |
|----------------------|------|-------------------|-----------|------|-------|
| PROGRAM MODE | 1441 | NEW/EDIT CURRENCY | SALE MODE | SAVE | PREV. |
| Primary Sign : | € | | | | |
| Last Sign : | | | | | |
| Price Decimal Point: | 2 | | | | |

7. Price Output Format

• Enter the number of format

2 PRINT

EX) Price Output Format = 2

| | | | | | |
|------------------------------|------|-------------------|-----------|------|-------|
| PROGRAM MODE | 1441 | NEW/EDIT CURRENCY | SALE MODE | SAVE | PREV. |
| Price Output Format(LABEL) : | 2 | | | | |
| | | | | | |
| | | | | | |

► Printing Output formats of currency symbol

| No | Printing Format | Description |
|----|-------------------------|---|
| 0 | 100.00, 0.12 | |
| 1 | \$ 100.00, \$ 0.12 | |
| 2 | 100.00 \$, 0.12\$ | |
| 3 | \$ 100.00 c, \$0.12c | |
| 4 | \$ 100.00 c, 12c(Greek) | When total amount is less than 1, only Last currency symbol shows up. |
| 5 | \$100.00, \$0.12 | |
| 6 | 100.00\$, 0.12\$ | |
| 7 | \$100.00c, \$0.12c | |
| 8 | \$100.00c, 12c(Greek) | When total amount is less than 1, only Last currency symbol shows up. |

2.11.4.2 List Currency (Menu Code 1442)

(MENU → 4. Store Data Table → 4. Currency → 2. List)

1 PRINT

4 PRINT

1. Set the list range

- Set the list range to check

EX) Currency No.'s 1~4

- Press Print Key to List Currency No.'s on screen.

After Currency No.'s are listed on the screen, pressing the TEST key will print the Currency No.'s.

| | | | | | |
|-----------------------------|------|---------------|-----------|------|-------|
| PROGRAM MODE | 1442 | LIST CURRENCY | SALE MODE | SAVE | PREV. |
| - Start Number : | 1 | | | | |
| - End Number : | 4 | | | | |
| List All - press [SAVE] key | | | | | |

2.11.4.3 Delete Currency (Menu code 1443)

(MENU → 4. Store Data Table → 4. Currency → 3. Delete)

1. Currency number to delete

EX) Delete Currency no. 2

Note: There is no confirmation request when deleting a Currency No. Pressing the PRINT key will cause the Currency No. entered to be deleted.

2.11.5 Job Batch Schedule (Menu code 1450)

(MENU → 4. Store Data Table → 5. Job Batch Schedule)

This function is used to print the label in large number for the pieced products or to sell several pieced products that have been packaged into a set.

2.11.5.1 New/Edit Job Batch Schedule (Menu code 1451)

(MENU → 4. Store Data Table → 5. Job Batch Schedule → 1. New/Edit Schedule)

1. Job Batch No.

- Enter the number of Job Batch Schedule to create.
You can use 1-10.

2. Department No.

- Enter the number of Department to call.

3. PLU No.

- Enter the number of PLU to call.

Note : This PLU must belong to count or PCS type

| | | | | | |
|----------------|------|-------------------|-----------|------|-------|
| PROGRAM MODE | 1451 | NEW/EDIT SCHEDULE | SALE MODE | SAVE | PREV. |
| Job Batch NO : | 1 | | | | |
| Department No. | 1 | Default | | | |
| PLU No. | 1 | Potato | | | |

4. Label Print Quantity

- Enter the total number of label printing to print.
You can enter 1-99.

| | | | | | |
|------------------------|------|-------------------|-----------|------|-------|
| PROGRAM MODE | 1451 | NEW/EDIT SCHEDULE | SALE MODE | SAVE | PREV. |
| Label Print Quantity : | 1 | | | | |
| | | | | | |
| | | | | | |

2.11.5.2 List Job Batch Schedule (Menu code 1452)

(MENU → 4. Store Data Table → 5. Job Batch Schedule →
2. List Schedule)

1. Set the list range

- Set the list range to check

EX) Job Batch Schedule No.'s 1~10

2.11.5.3 Delete Job Batch Schedule (Menu code 1453)

(MENU → 4. Store Data Table → 5. Job Batch Schedule →
3. Delete Schedule)

1. Job Batch Schedule number to delete

2 PRINT

EX) Delete Job Batch Schedule no. 2

Note: There is no confirmation request when deleting a Job Batch Schedule No. Pressing the PRINT key will cause the Job Batch Schedule No. entered to be deleted.

| | | | | | |
|----------------|------|-----------------|-----------|------|-------|
| PROGRAM MODE | 1453 | DELETE SCHEDULE | SALE MODE | SAVE | PREV. |
| Job Batch NO : | 2 | | | | |
| | | | | | |
| | | | | | |

2.11.6 Scanner (Menu code 1460)

(MENU → 4. Store Data Table → 6. Scanner)

This menu is used to make barcode scanning sale available or just to call up PLU. These are operable functions and setting methods when using by connecting the barcode scanner to CL7200 series.

2.11.6.1 New/Edit Scanner Conversion Table (Menu code 1461)

(MENU → 4. Store Data Table → 6. Scanner → 1. New/Edit Conv Table)

This is Mapping Table between each scanned bar code and each PLU number.

1. Setting up scan code No
Maximum number of Conv Table. Index is 1999

2. Setting up mapping Code
Enter the number ranged between 1 and 13.

3. Setting up department No
Enter the Department number of the PLU to be mapped.

4. Setting up PLU No
Enter the PLU number to be mapped.

EX)

| Index | The value to be compared with data from a bar code | Department and PLU no. to be mapped | |
|---------|--|-------------------------------------|--------|
| Code No | Mapping Code | Department No | PLU No |

| | | | |
|------|---------|---|-----|
| 1 | 2855551 | 1 | 1 |
| 2 | 2855552 | 1 | 5 |
| ~ | ~ | ~ | ~ |
| 1999 | 2867890 | 1 | 220 |

2.11.6.2 List Scanner Conversion Table (Menu code 1462)

(MENU → 4. Store Data Table → 6. Scanner → 2. List Conv Table)

1. Set the list range

- Set the list range to be checked

EX) Scanner Conversion Table No. 1~1999

- Press Print Key to List Conversion Table No.'s on screen. After Conversion Table No.'s are listed on the screen, pressing the TEST key will print the Conversion Table No.'s.

| | | | | | |
|-----------------------------|------|-----------------|-----------|------|-------|
| PROGRAM MODE | 1462 | LIST CONV TABLE | SALE MODE | SAVE | PREV. |
| - Start Number : | 1 | | | | |
| - End Number : | 1999 | | | | |
| List All - press [SAVE] key | | | | | |

2.11.6.3 Delete Scanner Conversion Table (Menu code 1463)

(MENU → 4. Store Data Table → 6. Scanner → 3. Delete Conv Table)

1. Enter the number of Conversion Table to be deleted

EX) Delete Conversion Table no. 2

| | |
|---|-------|
| 2 | PRINT |
|---|-------|

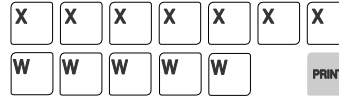
Note: There is no confirmation request when deleting a Table No. Pressing the PRINT key will cause the Conversion Table No. entered to be deleted.

| | | | | | |
|----------------|------|-------------------|-----------|------|-------|
| PROGRAM MODE | 1463 | DELETE CONV TABLE | SALE MODE | SAVE | PREV. |
| Scan code NO : | 2 | | | | |
| | | | | | |
| | | | | | |

2.11.6.4 Scanner Config (Menu code 1464)

(MENU → 4. Store Data Table → 6. Scanner → 4. Scanner Config)

1. The way to set up Scan Form



Enter defined 12-digit number or letter that scanner can recognize.

Assigned representative characters are written below.

| PROGRAM MODE | 1464 | SCANNER CONFIG | SALE MODE | SAVE | PREV. |
|--------------|------|----------------|-----------|------|-------|
| 01 : | | XXXXXXXXWWW | | | |
| 02 : | | | | | |
| 03 : | | | | | |

-“X” character : It must be the number of same digit length as “Mapping Code”, that you entered above, has.

-“W” character : It represents weight date.

Any other symbol than “X”, “W” is ignored when scanning.

Example 1) Scan Form : [XXXXXXXWWW]

- From 1 to 7 digits “XXXXXX” calls PLU comparing with Mapping Code entered above 4).

- From 8 to 12 digits “WWW” shows the value of weigh.

Example 2) Scan Form : [00XXXXX00000]

- From 3 to 5 digits “XXXXX” calls PLU by comparing with Mapping Code. At this time, you must enter 5 digits as Mapping Code in menu1461.

Example 3) Scan Form : [XXXXXXXXXXXXX]

- The 13 digits bar code is calls PLU by comparing with Mapping Code. At this time, you must enter 13 digits as Mapping Code at menu1461.

- It is possible to enter codes by using bar code scanner.

2.11.7 Label Format Key Table (Menu code 1470)

(MENU → 4. Store Data Table → 7. Label Format Key Table)

There is a function to change label format and Barcode by using function key. This menu is used to set this function. You can use this function, after assigning empty key to that Function Key(83-90).

1. Label Speed Key



Enter the number 1-8 you want.

2. Label #.

1 PRINT

Enter the label number to be assigned that function key.

3. PLU Barcode No.

1 PRINT

Enter the barcode number to be assigned that function key.

| PROGRAM MODE | 1470 | LABEL FORMAT KEY TABLE | SALE MODE | SAVE | PREV. |
|-------------------|------|------------------------|-----------|------|-------|
| Label Speed Key : | 1 | | | | |
| Label1 #: | 1 | IS6030-00001 (60x30) | | | |
| PLU barcode1 No: | 1 | | | | |

2.12 Programming Global Setting

The Global Setting function is used to program functions of the CL7200 series like Label Format, Barcode Format, Discount and Tax settings that will be used on every PLU or transaction. These settings, when selected override any settings that are programmed in the PLU. This function can be very convenient and time saving when used properly.

2.12.1 Global Label Format (Menu code 1510)

(MENU → 5. Global Setting → 1. Label Format)

This Menu is used to select whether you use a Global Label Format for all PLU's or if the Label Format will be programmed in the PLU data structure.

Note: Label Formats 1~45 are Fixed Label Formats and can not be modified. Formats 51~99 are Free Formats that may be created using the CL-Works PC Program and downloaded to the CL7200 series.

- ◆ You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Global Label

- If you use Global Label, enter 1. If not, enter 0.

1 PRINT

• Note: If you have selected to use a Global Label Format, the Label Format that is the Global Label Format selected in the next step will be used for every PLU.

2. Set PLU label No.

• Set PLU label number

EX) PLU Label No. = 2. IS6040-0000(60x40)

| PROGRAM MODE | 1510 | LABEL FORMAT | SALE MODE | SAVE | PREV. |
|-------------------------------|------|---------------------|-----------|------|-------|
| Use global label1 (1=Y/0=N) : | Y | | | | |
| PLU Label No. : | 2 | IS6030-00002(60x30) | | | |
| | | | | | |

3. Set Miscellaneous label number

• Set label format for miscellaneous item.

EX) Misc. Label No = 2. IS6040-0000(60x40)

4. Set total label number

• Set label format of total label for Add-Up sales.

EX) Total label No. = 10 , TC6060-0002(60x60)

| PROGRAM MODE | 1510 | LABEL FORMAT | SALE MODE | SAVE | PREV. |
|-------------------|------|---------------------|-----------|------|-------|
| Misc. Label No. : | 2 | IS6030-00002(60x30) | | | |
| Total Label No. : | 10 | IS6040-00010(60x40) | | | |
| | | | | | |

5. Set printing direction of total label

EX) Reverse Total Label = Y.

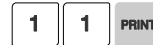
6. Set printing direction of PLU and Misc. item

EX) Reverse Item Label = Y

| | | | | | |
|-----------------------|------|--------------|-----------|------|-------|
| PROGRAM MODE | 1510 | LABEL FORMAT | SALE MODE | SAVE | PREV. |
| Reverse Total Label : | Y | | | | |
| Reverse Item Label : | Y | | | | |
| | | | | | |

7. Input Label #2

EX) Label2 # : [11]



| | | | | | |
|-----------------|-------|----------------------|-----------|------|-------|
| PROGRAM MODE | 1510 | LABEL FORMAT | SALE MODE | SAVE | PREV. |
| Label2 #: | 11 | IS6040-00011 (60x40) | | | |
| Ext. Label Name | FORM1 | | | | |
| | | | | | |

If you do not wish to use the label #2, simply input '0'. It operates in the same manner as the Aux.Label of the PLU input items. If the Aux.Label No. of PLU has already been registered, print with the corresponding label number, and if not, output the inputted Label #2

8. Exit menu

• If you want to exit, press ESC key.



2.12.2 Barcode Format (Menu code 1520)

(MENU → 5. Global Setting → 2. Barcode)

Global Barcode Setting provides all-in-one barcode setting by selecting nine different barcode options so that user does not need to save data for individual PLUs one by one. All related barcode data are selected and saved from PLU barcode data table user may already register.

◆ You can press the **SAVE** key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

1. Set Global Barcode

- If you use global barcode, enter 1. If not, enter 0.
 - If you set it to 1, barcode number is ignored which is set in PLU programming
- EX) Use global barcode



2. Set barcode number for by-weight

2 PRINT

PLU

EX) PLU Weight barcode No. = 2

3. Set barcode number for by-count PLU Misc. item

2 PRINT

EX) PLU Count barcode No. = 2

| | | | | | |
|-------------------------------|------|---------|-----------|------|-------|
| PROGRAM MODE | 1520 | BARCODE | SALE MODE | SAVE | PREV. |
| Use global barcode1 (1=Y/0=N) | Y | | | | |
| PLU weight barcode No. : | 2 | EAN13 | | | |
| PLU count barcode No. : | 2 | EAN13 | | | |

4. Set barcode number for by-PCS PLU

2 PRINT

EX) PLU PCS barcode No. = 2

5. Set barcode number for fixed PLU

2 PRINT

EX) PLU fixed barcode No. = 2

6. Set barcode number for Misc. weight item

2 PRINT

EX) Misc. weight barcode No. = 2

| | | | | | |
|----------------------------|------|---------|-----------|------|-------|
| PROGRAM MODE | 1520 | BARCODE | SALE MODE | SAVE | PREV. |
| PLU pcs barcode No. : | 2 | EAN13 | | | |
| PLU fixed barcode No. : | 2 | EAN13 | | | |
| Misc. weight barcode No. : | 2 | EAN13 | | | |

7. Set barcode number for Misc. count item

2 PRINT

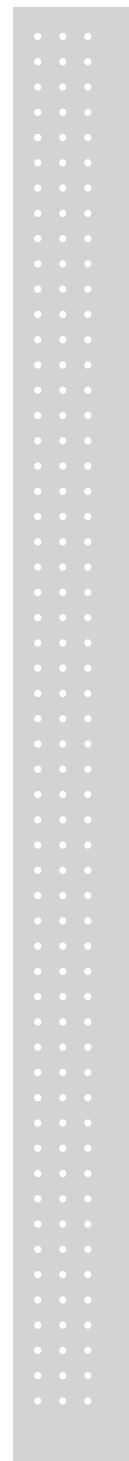
EX) Misc. Count barcode No. = 2

8. Set barcode number for Misc. PCS Item

2 PRINT

EX) Misc. PCS barcode No. = 2

2 PRINT



9. Set barcode number for Add-Up Total

EX) Add Up TTL barcode No. = 2

| PROGRAM MODE | 1520 | BARCODE | SALE MODE | SAVE | PREV. |
|---------------------------|------|---------|-----------|------|-------|
| Misc. count barcode No. : | 2 | EAN13 | | | |
| Misc. pcs barcode No. : | 2 | EAN13 | | | |
| Add up TTL barcode No. : | 2 | EAN13 | | | |

10. Set barcode number for floating Total



EX) Floating TTL barcode No. = 2

11. Set barcode2 number

EX) PLU Weight barcode No. = 2

Note: Barcode 2 will be printed only if it is a label with barcode 2 field.

| PROGRAM MODE | 1520 | BARCODE | SALE MODE | SAVE | PREV. |
|---------------------------|------|---------|-----------|------|-------|
| Add up TTL barcode2 No. : | 2 | EAN13 | | | |
| PLU barcode2 No: | 2 | EAN13 | | | |
| | | | | | |

If you do not wish to use barcode2, you simply enter '0'.

It operates in the same manner as the Barcode2 No. of the PLU input items.

If the Barcode2 No. of PLU has already been registered, then, it prints the corresponding barcode, and if there is no inputted number, then, barcode of the number inputted here will be outputted.

12. Exit menu

- If you want to exit, press ESC key.



2.12.3 Tax (Menu code 1540)

(MENU → 5. Global Setting → 4. Tax)

This menu is to set up function about Global Tax.

2.12.3.1 Set Global Tax (Menu code 1541)

(MENU → 5. Global Setting → 4. Tax → 1. Set Global Tax)

1. Setting up Global Tax

1 PRINT

It sets up the applied tax when product sales.

- 0 : Do not Use all Tax
- 1 : PLU tax only
- 2 : Global Tax only

| PROGRAM MODE | 1541 | SET GLOBAL TAX | SALE MODE | SAVE | PREV. |
|------------------|------|----------------|-----------|------|-------|
| Set Global Tax : | 1 | | | | |
| | | | | | |
| | | | | | |

2.12.3.2 Global Tax Number (Menu code 1542)

(MENU → 5. Global Setting → 4. Tax → 2. Global Tax No.)

1. Set up Select Tax No.

0 PRINT

It sets up the kind of global tax when product sales.

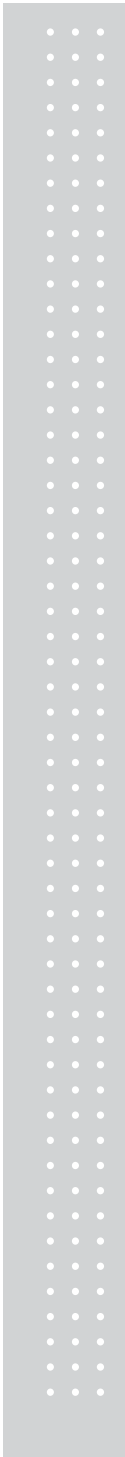
- 0 : Do not Use Tax
- 1 ~ 9 : Select registered tax
(Selection among tax at registered menu 1230, 9 options)

2. Set up Misc Tax No.

It sets up the kind of tax to apply to Misc by Weight, Misc by count, Misc by PCS.

- 0 : Do not Use Misc tax
- 1 ~ 9 : Select registered tax
(Selection among tax at registered menu 1230, 9 options)

0 PRINT



| | | | | | |
|------------------|------|----------------|--------------------|------|-------|
| PROGRAM MODE | 1542 | GLOBAL TAX NO. | SALE MODE | SAVE | PREV. |
| Select Tax No. : | 0 | | Don't use TAX rate | | |
| Misc Tax No. : | 0 | | Don't use TAX rate | | |
| | | | | | |

2.13 Printing Programming(Menu code 1700)

(MENU → 7. Print)

This chapter explains how to set printing-related environments, such as print label item, markdown, Hardware, serial number format, and ticket.



► PRINT Submenu

| No | Submenus | Description |
|----|----------------------|---|
| 1 | Print Label Item | Select item(s) which is(are) not printed on label. |
| 2 | Markdown | Select "Yes" or "No" to print both of original and discount information on the label. |
| 3 | Print Hardware | Set the label type and sensor of printer |
| 4 | Serial Number Format | Set the format of serial number to print label or ticket |
| 5 | ADD-UP Total | Select add-up total label whether is printed or not |
| 6 | Ticket | Set printing item for ticket |

2.13.1 Print label item (Menu code 1710)

(MENU → 7. Print → 1. Print Label Item)

If you set any of the items to N, they will not be printed on any labels regardless of the label format.

You can use the **PAGE UP** and **PAGE DOWN** keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time.

- ◆ You can press the **SAVE** key anytime to save the current data and if you want to exit without saving, press the **ESC** key.

1. If you do not want to print, enter 0(N),
If you want to print, enter 1(Y).

1 PRINT or 0 PRINT

| PROGRAM MODE | 1710 | PRINT LABEL ITEM | SALE MODE | SAVE | PREV. |
|---------------------------|------|------------------|-----------|------|-------|
| Department Name (Y/N) : | Y | | | | |
| Department Number (Y/N) : | Y | | | | |
| Group Number (Y/N) : | Y | | | | |

► Print Label Item

| Page | Item | Page | Item |
|------|--|------|--|
| 1 | Department Name Department Number Group Number | 9 | Refer. Net Weight Refer. Gross Weight Percent Tare |
| 2 | PLU Number PLU Name 1 PLU Name 2 | 10 | Percent Tare Limit Saved Price Label Serial |
| 3 | PLU Name 3 Item Code Unit Weight | 11 | Store Name Clerk Number Clerk Name |
| 4 | Tax Rate Tax Price Tare Weight | 12 | Customer Name Customer Number Scale Number |
| 5 | Pieces Unit Symbol Sell By Date | 13 | Day of Week Currency Rate Second Total Price |

| | | | |
|---|--|----|--|
| 6 | Sell By Time Packed On Date Packed On Time | 14 | Second Unit Price Traceability Nutrition Fact |
| 7 | Produced Date Cook By Date Bonus Point | 15 | Label Caption Total Tax Price Second Add Total |
| 8 | Origin Ingredient Sales Message | 16 | Barcodes Image |

2.13.2 Markdown (Menu code 1720)

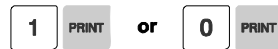
(MENU → 7. Print → 2. Mark down)

The Markdown Menu is used to determine if both the original and discounted unit price, total price, weight or quantity information is printed on the label. There are 4 sub-menus available.

► Markdown Sub-menu

| No | Sub-menu | Description |
|----|----------------------|--|
| 1 | Total Price Markdown | Select "Yes" to display both of original total price and the discounted total price if any. Otherwise, select No . |
| 2 | Unit Price Markdown | Select "Yes" to display both of original unit price and the discounted unit price if any. Otherwise, select No . |
| 3 | Weight Markdown | Select "Yes" to display both of original weight and the discounted weight if any. Otherwise, select No . |
| 4 | Quantity Markdown | Select "Yes" to display both of original quantity and the discounted quantity if any. Otherwise, select No . |

1. Select Yes or No by using 1 or 0 key and press



2. After setting all of above MARK DOWN sub-menus use "ESC" key or "SAVE" key to go back to PRINT Main menu.

| | | | | | |
|------------------------|------|----------|-----------|------|-------|
| PROGRAM MODE | 1720 | MARKDOWN | SALE MODE | SAVE | PREV. |
| Total Price Markdown : | Y | | | | |
| Unit Price Markdown : | Y | | | | |
| Weight Markdown : | N | | | | |

2.13.3 Printer Hardware (Menu code 1730)

(MENU → 7. Print → 3. Printer Hardware)

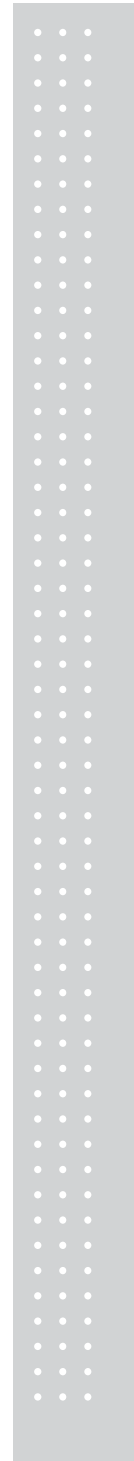
This section is to explain how to set printing H/W environments in the following table.

| | | | | | |
|---|-------------------------------|------------------|---------------------|------|-------|
| PROGRAM MODE | 1730 | PRINTER HARDWARE | SALE MODE | SAVE | PREV. |
| 1. PLU | 1. Print Mode | | | | |
| 2. PLU data table I | 2. Label/Ticket Size | | | | |
| 3. PLU data table II | 3. Sensor Calibration | | | | |
| 4. Store data table | 4. Sensor & Motor | | | | |
| 5. Global setting | 5. Print Intensity | | | | |
| 6. Report | 6. Adjust Feed Length | | | | |
| 7. Print | 7. Label Pre-print | | | | |
| 8. Scale config | 8. Adjust Reverse Feed Length | | | | |
| ↑ 1/2 ↓ | | ↑ 1/1 ↓ | | | |
| Program Mode > Print > Printer Hardware | | | 2014-12-17 15:35:09 | | |

► Printer Hardware Sub-Menu

| No. | Sub-menu | Description |
|-----|------------|--|
| 1 | Print Mode | Select label, ticket or continuous label mode. |

| | | |
|---|---------------------|---|
| 2 | Label / Ticket Size | If it is Label mode, " Width(60) ", " Height(40) " and " Gap length(2) " size is set, If it is Ticket mode, " Width(60) ", " Feed(20) " and " End Margin(30) " size is set. If you use Continuous Label Paper in Label mode, "Gap length" value is applied to "End Margin". * The values in () are default. |
| 3 | Sensor Calibration | Enter the " Gap(128) " and " Peel(128) " values for printing sensor calibration. * The values in () are default. * If you press "TEST" key, Gap and Peel values are adjusted automatically. * In case of Ticket mode, Gap value is not saved. |
| 4 | Sensor & Motor | Set Peel-off sensor, Rewind Motor and Label Paper type |
| 5 | Print Intensity | Set the extent of intensity of label (ticket) printed. |
| 6 | Adjust Feed Length | Set adjusting values of feed length. This value can be from -200 to +200. You can change sign(+, -) by pressing ZERO key. + value will print higher than THP. * Pressing "TEST" key automatically feeds to adjust the feed length. |
| 7 | Label Preprint | You can set preprint length. |



2.13.3.1 Print Mode (Menu code 1731)

(MENU → 7. Print → 3. Printer Hardware → 1. Print Mode)

Select "0" for Label Mode, "1" for Ticket Mode or "2" for Continuous Label Mode.

- Press "PRINT" to save.

| PROGRAM MODE | 1731 | PRINT MODE | SALE MODE | SAVE | PREV. |
|--------------------|------|------------|-----------|------|-------|
| Print Mode (0-2) : | | 0 | | | |
| | | Label Mode | | | |
| | | | | | |

2.13.3.2 Label Size/Ticket Size (Menu code 1732)

(MENU → 7. Print → 3. Printer Hardware → 2. Label Size)

Enter values for "Width", "Height", "Gap Length", "Feed" and "End Margin". If you press "TEST" key, height and gap length of current label is measured.

- If it is Ticket Mode, "TICKET SIZE" is displayed, and "TEST" key is not operated. And "Feed", "End Margin" instead of "Height", "Gap Length" shows up.
- If it is Continuous Label Mode, "CONT. LABEL SIZE" is displayed, and "TEST" key is not operated. And "End Margin" instead of "Gap Length" shows up.

| PROGRAM MODE | 1732 | LABEL SIZE | SALE MODE | SAVE | PREV. |
|-------------------|------|------------|-----------|------|-------|
| Width : (mm) | | 60 | | | |
| Height : (mm) | | 40 | | | |
| Gap Length : (mm) | | 2 | | | |

| PROGRAM MODE | 1732 | TICKET SIZE | SALE MODE | SAVE | PREV. |
|-----------------|------|-------------|-----------|------|-------|
| Width : mm | | 60 | | | |
| Feed : mm | | 20 | | | |
| End Margin : mm | | 30 | | | |

2.13.3.3 Sensor Calibration (Menu code 1733)

(MENU → 7. Print → 3. Printer Hardware → 3. Sensor Calibration)

Enter appropriate values for "Gap", "Peel", "Out of Paper".

- If you press "TEST" key, Gap and Peel values are adjusted automatically.
- If it is Ticket mode, "Gap" value is not saved.

| PROGRAM MODE | 1733 | SENSOR CALIBRATION | SALE MODE | SAVE | PREV. |
|-------------------------|------|--------------------|-----------|------|-------|
| Gap (Ticket) : | 128 | | | | |
| Peel : | 128 | | | | |
| [TEST]=Auto Calibration | | | | | |

2.13.3.4 Sensor & Motor (Menu code 1734)

(MENU → 7. Print → 3. Printer Hardware → 4. Sensor&Motor)

Enter appropriate values or "Yes" or "No" for "Active peel-off", "Active rewind motor", "Label paper", and "Active Headup sensor".

- If there is no gap on a label, set Label Paper to 0, if there a gap, set it to 1.
- When "Ticket Mode" is in "Print Mode", [Peel-off] [Rewind Motor] and [Label Paper] do not work.

| PROGRAM MODE | 1734 | SENSOR & MOTOR | SALE MODE | SAVE | PREV. |
|------------------------------|------|----------------|-----------|------|-------|
| Active peel-off | : | N | | | |
| Active rewind motor | : | N | | | |
| Label Paper (0:NoGap, 1:Gap) | : | 0 | | | |

2.13.3.5 Print Intensity (Menu code 1735)

(MENU → 7. Print → 3. Printer Hardware → 5. Print Intensity)

Enter any value from "0" to "20". Press "TEST" to test printing a label.

| PROGRAM MODE | 1735 | PRINT INTENSITY | SALE MODE | SAVE | PREV. |
|--------------------------|------|-----------------|-----------|------|-------|
| Printer Intensity (0-20) | : | 10 | | | |
| [TEST]=Test Intensity | | | | | |

2.13.3.6 Adjust Feed Length (Menu code 1736)

(MENU → 7. Print → 3. Printer Hardware → 6. Adjust Feed Length)

Enter any value of the feed alignment from "-200" to "+200".
Press "ZERO" to toggle sign.
Press "TEST" to test feed or "ENTER" to save current "FEED" Length value.

- 1pixel = 0.125mm

Ex) "+80" will print 10mm higher.
Ex) "-40" will print 5mm lower.

| | | | | | |
|----------------------------|------|--------------------|-----------|------|-------|
| PROGRAM MODE | 1736 | ADJUST FEED LENGTH | SALE MODE | SAVE | PREV. |
| Feed Adjustment(+200~-200) | + 0 | | | | |
| [TEST]=test, [ZERO]=+ or - | | | | | |

2.13.3.7 Label Preprint (Menu code 1737)

(MENU → 7. Print → 3. Printer Hardware → 7. Label Preprint)

Enter “Y(Yes)” or “N(No)” to select Preprint mode and any value of the preprint length from “0 mm” to “10 mm”. Press “TEST” to test preprinting.

After setting all of above H/W setting submenus use “ESC” key to go back to PRINT main menu

| | | | | | |
|---------------------------|------|-----------------|-----------|------|-------|
| PROGRAM MODE | 1737 | LABEL PRE-PRINT | SALE MODE | SAVE | PREV. |
| Pre-print Mode (Y/N) : | N | | | | |
| Pre-print Length (0-10) : | 10 | | | | |
| | | | | | |

2.13.4 Serial Number Format (Menu code 1740)

(MENU → 7. Print → 4. Serial Number Format)

SERIAL NUMBER FORMAT programming is for numbering of label/ticket issued (printed) on label/ticket. User may identify daily total counts of label/ticket used up.

Enter appropriate data in [].

| | | | | | | | | | |
|---|---|---|---|---|---|-------|---|---|-------|
| % | # | B | B | B | B | PRINT | | | |
| % | R | % | C | % | T | A | A | A | PRINT |

EX) #0001 on label

EX) RCT#001 on ticket

| | | | | | |
|---------------------|-----------|----------------------|-----------|------|-------|
| PROGRAM MODE | 1740 | SERIAL NUMBER FORMAT | SALE MODE | SAVE | PREV. |
| Label Serial No. : | %#BBBB | | | | |
| Ticket Serial No. : | %R%C%TAAA | | | | |
| | | | | | |

| Meaning |
|--|
| • I : Item Code |
| • N : PLU Number |
| • P : Price |
| • U : Unit Price |
| • W : Weight |
| • Q : Quantity |
| • D : Department |
| • G : group |
| • A : Ticket Counter (Ticket Mode) |
| • B : Scale Transaction Counter |
| • F : PLU Prefix Character |
| • T : Text Character |
| • R : Transaction Counter of Each PLU |
| • L : Clerk Number |
| • % : Print Fixed Character in the Next Space. |
| • K : Country Code (For Future) |

2.13.5 Add-Up Total (Menu code 1750)

(MENU → 7. Print → 5. Add-up Total)

This section shows how to set printing environments of total label and item label when you use ADD-UP sales.

• Press “0” for “No” or “1” for “Yes” in [].

EX) Print Total Label?? - Yes
Print Item Label?? - No

| | | |
|---|-------|---|
| 1 | PRINT | 0 |
|---|-------|---|

| | | | | | |
|------------------|------|-------------|-----------|------|-------|
| PROGRAM MODE | 1750 | ADDUP TOTAL | SALE MODE | SAVE | PREV. |
| Prt. Total Label | : | Y | | | |
| Prt. Item Label | : | N | | | |
| | | | | | |

- Press “PRINT” key to save and go back to PRINT main menu

► Add-up setting

| ADD-UP Setting | Description |
|-------------------|--|
| Print Total Label | Total label is printed when you press the PRINT key during add-up sales. |
| Print Item Label | Item label is printed whenever you press the ADD key. |

※ It is applied to Label mode.

2.13.6 Ticket (Menu code 1760)

(MENU → 7. Print → 6. Ticket)

This section shows how to select item(s) (Contents) printed on ticket.

2.13.6.1 Select Ticket Item (Menu code 1761)

(MENU → 7. Print → 6. Ticket → 1. Select Ticket Item)

Select “Yes” or “No” for “Print List”, “Print Total Barcode”, “Print Total Label”, “Print Duplicate Ticket”, and “Print List duplicate ticket”.

1 PRINT 1 PRINT 1 PRINT

| | | | | | |
|--------------------|------|--------------------|-----------|------|-------|
| PROGRAM MODE | 1761 | SELECT TICKET ITEM | SALE MODE | SAVE | PREV. |
| Prt. List | : | Y | | | |
| Prt. Total Barcode | : | Y | | | |
| Prt. Total Label | : | Y | | | |

2.13.6.2 Select List Item (Menu code 1762)

(MENU → 7. Print → 6. Ticket → 2. Select List Item)

Before setting list item, you have to set "Print List" to "Y" in menu 1761.

- ① Press "2" to get into SELECT LIST

1 PRINT 1 PRINT 1 PRINT

ITEM menu.

Select "Yes" or "No" for "Print Store Name", "Print Clerk Name", "Print Item Barcode", "Tax Information", and "Print Traceability".

1 PRINT 1 PRINT 2 PRINT 3 PRINT

- ② And, select appropriate ID # for "Ticket Head Form" and "Ticket Tail Form".

| PROGRAM MODE | 1762 | SELECT LIST ITEM | SALE MODE | SAVE | PREV. |
|------------------------|------|------------------|-----------|------|-------|
| Prt. Tax Information : | Y | | | | |
| Prt. Traceability : | Y | | | | |
| Ticket Head Form No. : | 2 | | | | |

| PROGRAM MODE | 1762 | SELECT LIST ITEM | SALE MODE | SAVE | PREV. |
|------------------------|------|------------------|-----------|------|-------|
| Ticket Tail Form No. : | 3 | | | | |
| Ticket Head Msg : | | | | | |
| Ticket Tail Msg : | | | | | |

► Ticket Format Setting

| | Ticket Format Setting | Description |
|-------------|-----------------------|---|
| Ticket Item | Prt. List (Y/N) | It outputs product list (Detailed item can be set in the following menu, 1762) <ul style="list-style-type: none"> ■ Printing the list of each sales item(s). * In case of "Yes" selected user can go to "List Item" setting. |
| | Prt. Total Barcode | It outputs the TTL barcode set at the global barcode <ul style="list-style-type: none"> ■ Printing total barcode on ticket. |
| | Prt. Total Label | It outputs the Total label set at the global label format. <ul style="list-style-type: none"> ■ Printing total amount on ticket. |
| | Prt. duplicate ticket | All ticket sections with exclusion of the product list are outputted once more. <ul style="list-style-type: none"> ■ Printing duplication of ticket |

| | | |
|-----------|--|--|
| | Prt. List (D. ticket) | Same ticket including the product list is issued twice (Print Duplicate Ticket must be set at 'Y' for it to be usable) ■ Printing List of items on duplicated ticket Note : N=Printing amount of only total price for duplicate ticket |
| List Item | Prt. Store Name | ■ Printing store name on ticket. |
| | Prt. Clerk Name | ■ Printing clerk name on ticket. |
| | Prt. Item Barcode | ■ Printing every item s barcode on ticket. |
| | Prt. Tax Information | ■ Printing tax information on ticket. |
| | Prt. Traceability | ■ Printing traceability information on ticket |
| | Ticket Head Form No. | ■ Printing label format No. for ticket head. |
| | Ticket Tail Form No. | ■ Printing label format No. for ticket tail. |
| | Ticket Head Msg : Ticket Tail Msg : | ■ Printing message for ticket head. ■ Printing message for ticket tail. |

※ You have to download label format for Ticket Head Form No. and Ticket Tail Form No. from PC.

2.13.6.3 Select Ticket Font Size (Menu code 1763)

(MENU → 7. Print → 6. Ticket → 3. Select Ticket Font Size)

It can designate the size of the letters of the item that is printed in the ticket.

▶ Ticket Font Size Setting

| Ticket Font Setting | Description |
|---------------------|--|
| PLU Name | ■ Adjust size of product number name |
| Transaction Data | ■ Adjust size of price of unit price weight unit product |
| Total Value | ■ Adjust the size of total price |
| Ticket Serial No. | ■ Adjust the size of ticket issuance number |

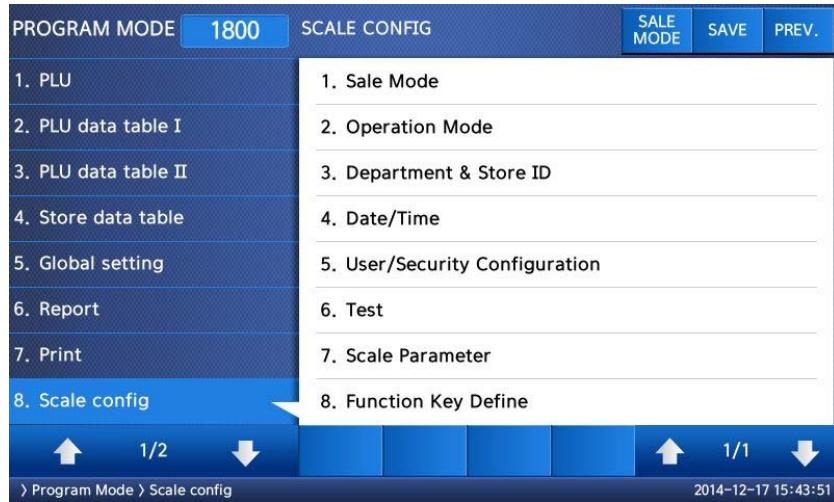
It can designate from 0 to 3.

※ Size of Subtotal, Tax information, Payment and Print Label cannot be adjusted

2.14 Programming Scale Configuration (Menu code 1800)

(MENU → 8. Scale Config)

This chapter explains how to configure the scale. The main menu of Scale Configuration is shown as below.



2.14.1 Sale Mode (Menu code 1810)

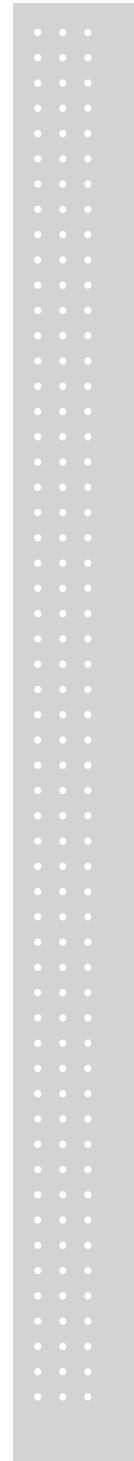
(MENU → 8. Scale Config → 1. Scale Mode)

This section is to select sale mode, which have seven different modes in the following table.

► Sale Modes

| No. | Sale Modes | Description |
|-----|------------------------|---|
| 1 | REG: Ticket & Floating | Selecting Ticket and Floating Clerk Mode. |
| 2 | REG: Label | Selecting Label Mode. |
| 3 | REG: Prepack | Selecting Prepack Mode. |
| 4 | REG: Label & Floating | Selecting Label and Floating Clerk Mode. |
| 5 | Manager | Selecting Manager Mode |

| | | |
|---|----------------------|--|
| 6 | Repack | Selecting Repack Mode (In this mode, report is not updated.) |
| 7 | Self Service & Label | Selecting Self Service Mode (In this mode, you can use speed key and some keys. If you want to finish this mode, while pressing MENU key, enter system password and PRINT key) |



- ▶ Selecting one of following sale modes, user may select an one-stop setting for Clerk, Operation, Print, and Prepack mode.

| MODE | Clerk Mode | Operation Mode | Print Mode | Prepack Mode |
|---------------------------|----------------|----------------|------------|--------------|
| 1. REG: Ticket & Floating | Floating Clerk | Regist | Ticket | OFF |
| 2. REG: Label | No Clerk | Regist | Label | OFF |
| 3. REG: Prepack | No Clerk | Regist | Label | ON |
| 4. REG: Label & Floating | Floating Clerk | Regist | Label | OFF |
| 5. Manager | - | Manager | - | OFF |
| 6. Repack | - | Repack | - | OFF |
| 7. Self Service & Label | - | - | Label | OFF |

Usually user has to set each option you wish to for clerk, operation, print or prepack mode. However, user may select simply one-stop sales mode for 7 different modes-Clerk, Operation, Print, and Prepack mode. User may also set options for Clerk/Operation mode in MENU 1820 and Print/Prepack mode in MENU 1731.

1. Select a sale mode

2 PRINT

EX) Sale mode = 2.REG: Label

| PROGRAM MODE | 1810 | SALE MODE | SALE MODE | SAVE | PREV. |
|-------------------|-----------|-----------|-----------|------|-------|
| Select Sale Mode: | 2 | | | | |
| | REG:Label | | | | |
| | | | | | |

2. Select "Floating & Ticket" mode

1 PRINT

EX) Sale mode = 1.REG: Ticket & Floating

| PROGRAM MODE | 1810 | SALE MODE | SALE MODE | SAVE | PREV. |
|-------------------|-----------------------|-----------|-----------|------|-------|
| Select Sale Mode: | 1 | | | | |
| | REG:Ticket & Floating | | | | |
| | | | | | |

2.14.2 Operation Mode (Menu code 1820)

(MENU → 8. Scale Config → 2. Operation Mode)

This section is to select a clerk and operation mode. There are three different operation modes, REGISTRATION, RE-PACK, MANAGER and three different clerk modes, NO CLERK, STANDARD CLERK, and FLOATING CLERK.

1. Select appropriate "CLERK MODE" and "OPERATION MODE".

2 PRINT

EX) Clerk Mode=Standard Clerk
Operation mode=Registration

EX) Operation mode=Registration

1 PRINT

| PROGRAM MODE | 1820 | OPERATION MODE | SALE MODE | SAVE | PREV. |
|--------------------------|------|----------------|-----------|------|-------|
| Select clerk sale mode : | 2 | Standard Clerk | | | |
| Select oper mode : | 1 | Regist | | | |
| | | | | | |

► Clerk Modes

| No | Clerk Modes | Description |
|----|----------------|--|
| 1 | No Clerk | Sales clerk do not log in and makes sales using PRINT key. |
| 2 | Standard Clerk | Sales clerk can make sales when he/she logs in. |
| 3 | Floating Clerk | Plural sales clerks can make sales using own clerk ID. |

► Operation Modes

| No | Operation Modes | Description |
|----|-----------------|--|
| 1 | Registration | Normal sales mode. |
| 2 | Repack | Normal sales mode but not included in total sales data(report). Good for clerk training. |
| 3 | Manager | In this mode user can access all of functions without any permission. |

2.14.3 Department (Menu code 1830)

(MENU → 8. Scale Config → 3. Department)

This section shows how to select current department where scale is being used. User can use (call up) PLUs only for current department selected in sales mode. For example, if current department selected is GROCERY user can call up items registered only in GROCERY department. If user would like to use PLUs registered in other department than current department he/she should change scale s department setting. Store No. represents Store Name (or branch number) on label/ticket printed.

1. Select “DEPARTMENT No.” and “STORE ID”.

2 PRINT

EX) DEPARTMENT No.= 2 (Grocery)
Store No.= 1 (Branch #1)

1 PRINT

| PROGRAM MODE | 1830 | DEPARTMENT & STORE ID | SALE MODE | SAVE | PREV. |
|----------------|------|-----------------------|-----------|------|-------|
| Department No. | 2 | GROCERY | | | |
| Store No. : | 1 | CAS STORE | | | |
| | | | | | |

2.14.4 Date & Time (Menu code 1840)

(MENU → 8. Scale Config → 4. Date/Time)

This section is to set scale s DATE & TIME appropriately.

1. Set appropriate “DATE”, “TIME”, and “MONTH FORMAT”.

EX) DATE= [17.12.14]
TIME= [15:47:21]
Month Format= [0]

| PROGRAM MODE | 1840 | DATE/TIME | SALE MODE | SAVE | PREV. |
|-----------------------------|----------|-----------|-----------|------|-------|
| Date : | 17.12.14 | | | | |
| Time : | 15:47:21 | | | | |
| Month Format (1=DEC,0=12) : | 0 | | | | |

2. Set “YEAR FORMAT”, TIME FORMAT and separator for “DATE”.

EX) Year Format (0=2001, 1=01) = [1]
Time Format(0~3) = [1]
Date Separator = [-]

| | | | | | |
|----------------------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1840 | DATE/TIME | SALE MODE | SAVE | PREV. |
| Year Format (0=2001,1=01): | 1 | | | | |
| Time Format (0=24,1=12) : | 1 | | | | |
| Date Separator : | - | | | | |

3. Set separators for “TIME”, using ASCII code table on page

EX) Time Separator = [:]

☞ Please refer to “ASCII Code Table” (chapter 4.4) to input special characters in Date or Time separator.

| | | | | | |
|------------------|------|-----------|-----------|------|-------|
| PROGRAM MODE | 1840 | DATE/TIME | SALE MODE | SAVE | PREV. |
| Time Separator : | : | | | | |
| | | | | | |
| | | | | | |

4. Press “PRINT” key to save it and go out to SCALE CONFIGURATION main menu.

2.14.5 User/ Security Configuration (Menu code 1850)

(MENU → 8. Scale Config → 5. User/Security Configuration)

This section is to create, edit, change, list, delete clerk’s security information and configure security level.

2.14.5.1 New/Edit User(Menu code 1851)

(MENU → 8. Scale Config → 5. User/Security Con → 1. New/Edit)

Enter appropriate USER data for CLERK number, CLERK NAME, NICKNAME, CLERK PASSWORD, CLERK LEVEL, and Use For Training.

EX) CLERK No.=[2],
 CLERK NAME =[CHRISTOPER],
 NICKNAME =[CHRIS],

| | | | | | |
|--------------|-------------|---------------|-----------|------|-------|
| PROGRAM MODE | 1851 | NEW/EDIT USER | SALE MODE | SAVE | PREV. |
| Clerk No. : | 2 | | | | |
| Clerk Name: | CHRISTOPHER | | | | |
| Nickname : | CHRIS_ | | | | |

CLERK PASSWORD =[0115],
 CLERK LEVEL =[3],
 USE FOR TRAINING = [N]

| | | | | | |
|--------------------|------|---------------|-----------|------|-------|
| PROGRAM MODE | 1851 | NEW/EDIT USER | SALE MODE | SAVE | PREV. |
| Clerk Password: | 0115 | | | | |
| Clerk Level : | 3 | | | | |
| Use for Training : | N | | | | |

Note: If you use floating mode, you have to register all clerks.

► NEW/EDIT USER in USER'S Security Condition

| No | Operation Modes | Description |
|----|------------------|--|
| 1 | Clerk No. | This value can be from 1 to 95. |
| 2 | Clerk Name | This value is available up to 22 characters. |
| 3 | Nickname | This value is available up to 7 characters. It can be printed on a label and displayed on the scale. |
| 4 | Clerk Password | 4 digit (alphanumeric) |
| 5 | Clerk Level | 0~3 level |
| 6 | Use for Training | Training account |

Password: When you enter the password, you have to type clerk number(2digit) and password(4 digit). For example, if your clerk number is 20 and password is 1234, you have to type 201234. Minimum password is 3 digit and maximum password is 6 digit. If there is no level 3 clerk, you can use default value. (Clerk No:1, password:1, Level:3) Therefore default password is 011.

- You have to set a level 3 clerk. If there is no level 3 clerk, you can use default password(011) and if any, you cannot use it.

Clerk level: This value can be from 0 to 3. This level is related to menu 1855(Config permission). If clerk 2 is set to level 2, this clerk can use the function which is set to level 1, 2 in menu 1855 and cannot use the function

which is set to level 3.

| No. | Level | Description |
|-----|-------|---|
| 1 | 0 | It is assigned to employees who is registered but do not use scale. |
| 2 | 1 | Lowest level. Normal employees are assigned to level 1. |
| 3 | 2 | It is proper for chief clerk. |
| 4 | 3 | Highest level. It is proper for store manager. |

2.14.5.2 Change Password (Menu code 1852)

(MENU → 8. Scale Config → 5. User/Security Con → 2. Change Password)

1. Enter password.

- Clerk No. (2 digit) + password (4 digit)

EX) CLERK No.=1 , PASSWORD =2 -> 012

CLERK No.=11 , PASSWORD =22 -> 1122

CLERK No.=36, PASSWORD =1234 -> 361234

2. New Password

- Enter new password

EX) CLERK ID =11, PASSWORD = 22

| PROGRAM MODE | 1852 | CHANGE PASSWORD | SALE MODE | SAVE | PREV. |
|--------------|------|-----------------|-----------|------|-------|
| Clerk No. : | 11 | CLERK | | | |
| New Password | 22 | | | | |
| | | | | | |

| | | | | | |
|--------------|------|-------------|-----------|------|-------|
| PROGRAM MODE | 1854 | DELETE USER | SALE MODE | SAVE | PREV. |
| Clerk No. : | 2 | CHRISTOPHER | | | |
| | | | | | |
| | | | | | |

2.14.5.5 Config Permission (Menu code 1855)

(MENU → 8. SCALE CONFIG → 5. User/Security Con. → 5. Config Permission)

Permission level is related to clerk level and if the clerk level is lower than permission level, this clerk cannot access that function. Refer to clerk level on chapter 2.14.5.1

※ If permission level is "0", all clerks can access this function.

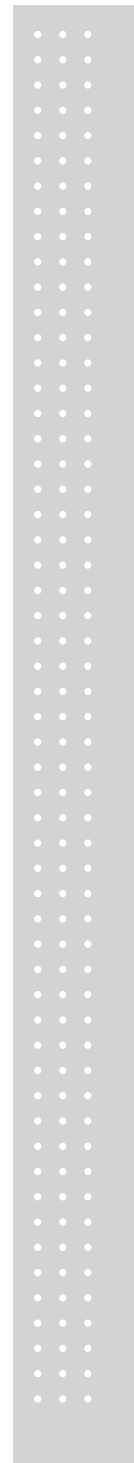
EX) If you set permission level to 2 for price change key and clerk 1 is set to level 1 and clerk 2 is set to level 2, clerk 1 can not use this key but clerk 2 can use this key

► Setting Configuration Permission

| No | Operating | Description |
|----|-------------------------|--|
| 1 | Use Item Change Key | Set a permission level for PLU Change Key. (You can define this function key in menu 1880 on chapter 2,14,22) |
| 2 | Use Price Change Key | Set a permission level for price change key. (You can define this function key in menu 1880 on chapter 2,14,22) |
| 3 | Use Dept. Change Key | Set a permission level for department change key. (You can define this function key in menu 1880 on chapter 2,14,22) |
| 4 | Use Pay Key | Set a permission level for Pay key (You can define this function key in menu 1880 on chapter 2,14,22) |
| 5 | Use Date Change Key | Set permission level for data change key. (You can define this function key in menu 1880 on chapter 2,14,22) |
| 6 | Use Type Change Key | Set a permission level for PLU type change key.(You can define this function key in menu 1880 on chapter 2,14,22) |
| 7 | Use Selection PLU Item | Set a permission level for Selecting PLU item (You can define this function key in menu 1880 on chapter 2,14,22) |
| 8 | Use Input Weight Key | Set a permission level for In-weight key (You can define this function key in menu 1880 on chapter 2,14,22) |
| 9 | Use Edit Discount Key | Set a permission level for discount (You can define this function key in menu 1880 on chapter 2,14,22) |
| 10 | Allow Clerk Sale | Set a permission level for password in floating mode |
| 11 | Allow Void | Set a permission level to void item |
| 12 | Allow ADD-UP | Set a permission level for add-up sales |
| 13 | Allow Return | Set a permission level to return item |
| 14 | Allow Override | Set a permission level to override price |
| 15 | Allow Cash Drawer Open | Set a permission level to open cash drawer |
| 16 | Allow Edit Menu | Set a permission level to go to program menu |
| 17 | Allow menu for edit PLU | Set a permission level to edit PLU |
| 18 | Allow Price Change | Set a permission level to change price |
| 19 | Allow Global Set | Set a permission level for global setting |
| 20 | Allow X Report | Set a permission level for X report |
| 21 | Allow Z Report | Set a permission level for Zreport |
| 22 | Allow Store Data Edit | Set a permission level to edit store data |

| No | Operating | Description |
|----|---------------------------|---|
| 23 | Allow Tax Edit | Set a permission level to edit tax |
| 24 | Allow Scale Configuration | Set a permission level for scale configuration |
| 25 | Allow Communication Meg. | Set a permission level for communication message |
| 26 | Allow Edit Data Table I. | Set a permission level to edit data table I. |
| 27 | Allow Edit Data Table II. | Set a permission level to edit data table II. |
| 28 | Allow Printer Setting | Set a permission level for printer setting |
| 29 | Allow Change Oper. Mode | Set a permission level to change operation mode |
| 30 | Allow Change User Param. | Set a permission level to change user param. |
| 31 | Allow Set Communication | Set a permission level for communication setting. |

You can use the **PAGE UP** and **PAGE DOWN** keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time.



2.14.5.6 Clerk Key (Menu code 1856)

(MENU → 8. SCALE CONFIG → 5. User/Security Con. → 6. Clerk Key)

You can assign Clerk key to clerk. There are 64 Clerk keys and you have to set these keys in menu 1880 (Key define). See chapter 2.14.8.

1. Enter Clerk Key

- This value can be from 1 to 64.

EX) Clerk Key No. = 2

2. Enter Clerk No.

EX) Clerk = 2. CHRISTOPHER

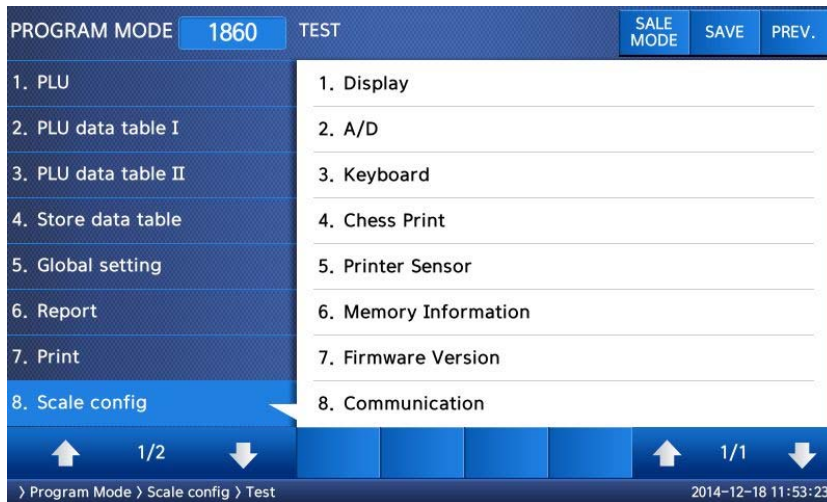
| PROGRAM MODE | 1856 | CLERK KEY | SALE MODE | SAVE | PREV. |
|--------------|------|-------------|-----------|------|-------|
| Clerk Key : | 2 | | | | |
| Clerk No. : | 2 | CHRISTOPHER | | | |
| | | | | | |

For example if you set "A" key to clerk 2 in menu 1880 (Key define), and call up a PLU and press "A" key in floating sale mode, it is recognized that clerk no. 2 (CHRISTOPHER) sold this item.

2.14.6 Test (Menu code 1860)

(MENU → 8. SCALE CONFIG → 6. Test)

This programming is to test the scale by itself in the 8 fields , such as DISPLAY, A/D, KEYBOARD, CHESS PRINTER, PRINTER SENSOR, MEMORY INFORMATION, FIRMWARE VERSION and COMMUNICATION.



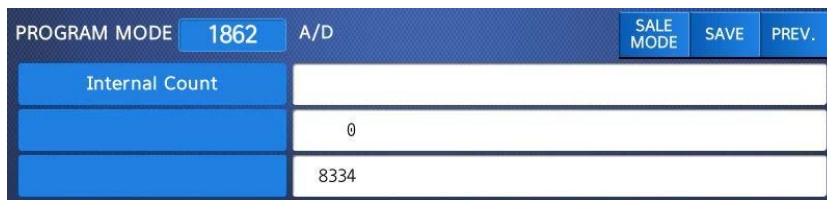
2.14.6.1 Display Test (Menu code 1861)

(MENU → 8. SCALE CONFIG → 6. Test → 1. Display)

It automatically start to test display. You can exit from testing, by pressing "PREV." key.

2.14.6.2 A/D Test (Menu code 1862)

(MENU → 8. SCALE CONFIG → 6. Test → 2. A/D)



To set zero press "ZERO"
User may exit from this menu, using "ESC" key

2.14.6.3 Keyboard Test (Menu code 1863)

(MENU → 8. SCALE CONFIG → 6. Test → 3. Keyboard)

Display will show grid point Press any key to test key pad.
To exit keyboard test, press "ESC" two times.

| | | | | | |
|------------------|------|----------|-----------|------|-------|
| PROGRAM MODE | 1863 | KEYBOARD | SALE MODE | SAVE | PREV. |
| Raw Code: [0017] | | | | | |
| | | | | | |
| | | | | | |

2.14.6.4 Chess Printer Test (Menu code 1864)

(MENU → 8. SCALE CONFIG → 6. Test → 4. Chess Print)

Press "TEST" key to test printing a label.

| | | | | | |
|-------------------|------|-------------|-----------|------|-------|
| PROGRAM MODE | 1864 | CHESS PRINT | SALE MODE | SAVE | PREV. |
| [TEST]=Print Test | | | | | |
| [ESC]=Escape | | | | | |
| | | | | | |

2.14.6.5 Printer Sensor Test (Menu code 1865)

(MENU → 8. SCALE CONFIG → 6. Test → 5. Printer Sensor)

| | | | | | |
|--------------|--------|----------------|-----------|------|-------|
| PROGRAM MODE | 1865 | PRINTER SENSOR | SALE MODE | SAVE | PREV. |
| Peel-off : | UNLOCK | | | | |
| Head-up : | CLOSE | | | | |
| | | | | | |

| | | | | | |
|--------------|------|----------------|-----------|------|-------|
| PROGRAM MODE | 1865 | PRINTER SENSOR | SALE MODE | SAVE | PREV. |
| Gap : | 175 | | | | |
| Peel: | 44 | | | | |
| | | | | | |

► Printer Sensor Test Items

| No | Test Items | Description |
|----|------------|--|
| 1 | Peel-off | To test that peel-off sensor is properly work. |
| 2 | Head-up | To test that TPH is opened or not |
| 3 | Gap | To show real time Gap sensor's value. |
| 4 | Peel | To show real time peel off sensor's value. |

2.14.6.6 Memory Information (Menu code 1866)

(MENU → 8. SCALE CONFIG → 6. Test → 6. Memory Information)

The display shows current memory size.
You can exit from this menu, by pressing "ESC" key.

| | | | | | |
|------------------------|------------------------|--------------------|----------------|------|-------|
| PROGRAM MODE | 1866 | MEMORY INFORMATION | SALE MODE | SAVE | PREV. |
| Chip Status : | No errors | | | | |
| Total Flash Size(MB) : | Size:1.7G, Used:590.9M | | Available:1.0G | | |
| | | | | | |

2.14.6.7 Firmware Version (Menu code 1867)

(MENU → 8. SCALE CONFIG → 6. Test → 7. Firmware Version)

You can check firmware version of the scale.

| PROGRAM MODE | 1867 | FIRMWARE VERSION | SALE MODE | SAVE | PREV. |
|-------------------|----------------------------|------------------|-----------|------|-------|
| Scale Main | V2.95.10 | | | | |
| AD Module | V2.01 | | | | |
| Caption | V049 | | | | |
| Data | V1.5 | | | | |
| KEY Driver | cl7200_key v1.1 | | | | |
| Printer Driver | PRT v1.2 | | | | |
| Kernel Build Time | Jun 24 12:23:36 KST 2014 | | | | |
| cl-launcher | ver,0,1,3,kr,cas,20140901; | | | | |

↑ ↓ 1/2 ↑ ↓

> Program Mode > Scale config > Test > Firmware Version 2014-12-17 16:52:39

2.14.6.8 Communication (Menu code 1868)

(MENU → 8. SCALE CONFIG → 6. Test → 8. Communication)

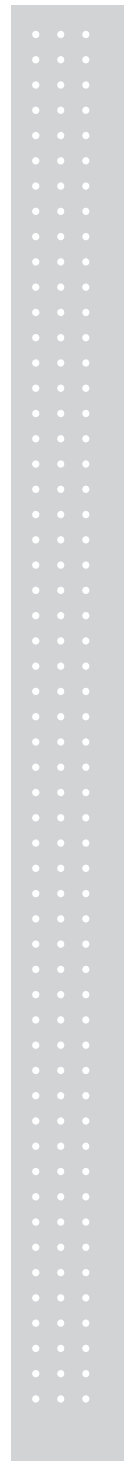
2.14.7 Scale Parameter (Menu code 1870)

(MENU → 8. SCALE CONFIG → 7. Scale Parameter)

You can set scale's environment as below.

► Scale Parameter

| Menu | Sub-menu | Setting Value | Description |
|---------------------------------|---------------------------------|---|---|
| 1. Display (Menu code:1871) | Display Discount Info | Y/N | The scale shows discount information. |
| | Show Clerk Nickname | Y/N | The scale shows clerk's nickname |
| | PLU Name Align | 0: Left alignment 1: Center alignment 2: Right alignment | Set the alignment position of PLU |
| | Enable Scroll msg with PLU | Y/N | Setting whether scroll message is showed up or not when PLU is called. |
| 2. Printing (Menu code:1872) | Label prt w.o rewind(x Key) | 152 Y/N | Do not use rewind function when you use "X" key. |
| | Confirm prt report on label | 0:Print automatically 1:Need to confirm to print report and do not confirm any more until power off 2:Need to confirm to print report and do not confirm any more until you exit program mode | Set confirm method when you print report in label mode |
| | Print origin for comm.,line | 0: Do not print 1: Print in Name 1 2: Print in Name 2 3: Print in Name 3 | Print origin in commodity line. |
| | Print unit symbol in qty area | Y/N | Print Qty Symbol in qty area. |
| | Print pieces in unit price area | Y/N | Print Pieces in unit price area. |
| | Print All report within range | Y/N | Print all report |
| | Swedish auto barcode | 0:Not use 1:Price Auto Code 2:Weight Auto Code | Selection the way and whether using Swedish automatic bar code function |
| | Print pack type | 0:Not use 1:alphabet 2:day(Mon, Tue,...) 3:day,year | Setting up the type when packing date is printed |
| | Print Item when return | 0:Do not print 1: Print | Print return list when it returns. |



| Menu | Sub-menu | Setting Value | Description |
|--|-------------------------------|---------------|---|
| 3. Sale Setup (Menu code:1873) | Save unit price change | Y/N | Save unit price change. |
| | Save Type change | Y/N | Save type Change in PLU |
| | Start save mode (start up) | Y/N | Save mode is active when you turn on the scale. |
| | PLU clr Aft sale(WT, On Tray) | Y/N | Plu is cleared after printing even though there is an item on the platter. |
| | Print count w,o misc. key | Y/N | If you enter count, it is considered that misc. Count condition when there is no Misc. Key |
| | Print weight w,o misc. key | Y/N | If there is an item on the platter, it is considered that misc. weight condition when there is no Misc. Key |
| | T.price = price + Tax | Y/N | Tax is included in total price |
| | Shift key instead return Key | Y/N | Use shift key instead of return key. |
| | Use double speed key | Y/N | Use double speed key |
| | Use double DATE/TIME key | Y/N | If you double-click, command window will be appear |
| | Multi-print on discount sale | Y/N | Setting up to print discounted product label repeatedly |
| | Start auto mede(start up) | Y/N | Setting up to select whether it start with Auto Mode when it boots. |
| 4. Clerk Logout (Menu code:1874) | Enable Quick PLU | Y/N | Once you press the number key, PLU is called immediately. |
| | Log off after transaction | Y/N | After printing label, automatically Clerk Log off |
| | Clerk log out Time(0,1s) | 1~99 | Set clerk log out time. |

You can use the **PAGE UP** and **PAGE DOWN** keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time.

2.14.8 Function Key Define (Menu code 1880)

(MENU → 8. Scale → 8. function Key Define)

You can define function keys to Speed keys. It is recommended that you define function key to higher number Speed key because you can not use that PLU key.

1. Enter key code

Pole type : 72 Speed Keys

Standard type : 48 Speed Keys.

Double body type : 72 Speed Keys

2. Enter function key

EX1) Use 12 Function key (Display Reset) Refer to below table.

| PROGRAM MODE | 1880 | FUNCTION KEY DEFINE | | SALE MODE | SAVE | PREV. |
|---------------------|------|---------------------|--|-----------|------|-------|
| Key Code: | 1 | | | | | |
| Enter Function Key: | 12 | RESET | | | | |
| Background Color : | 1 | White | | | | |

3. To cancel function key.

Enter key code to cancel and set Function Key No. to 0

EX) Key Code = 42

EX1) Function Key id = 0

If you cancel function key, you can use it as Speed key.

► Function Key.

| Function Key | Define | Description |
|--------------|----------------|--------------------------|
| 1 | [DISC -] | - SALE Key |
| 2 | [DISC%] | % SALE Key |
| 3 | [SPECIAL SALE] | Special sales unit price |
| 4 | [NEGATIVE] | Negative sale |
| 5 | [FIXED PRICE] | Fixed Price Key |
| 6 | [TYPE CHANGE] | WT/CT Key |

| | | |
|-------|------------------|--|
| 7 | [CASHOPEN] | Cash Drawer Open Key |
| 8 | [GRAND TOTAL] | Grand Total Key |
| 9 | [PLU REFERENCE] | Reference PLU Key |
| 10 | [IN WEIGHT] | INWeight Key |
| 11 | [LABEL/TICKET] | Toggle between the Label and Ticket |
| 12 | [DISPLAY RESET] | Display refresh |
| 13 | [MISC WEIGHT] | Misc. Weight Key |
| 14 | [MISC COUNT] | Misc. Count Key |
| 15 | [MISC PCS] | Misc. PCS Key |
| 16 | [EDIT SELL] | Sell By Date Change Key |
| 17 | [EDIT ORIGIN] | Origin Change Key. |
| 18 | [EDIT ITEM] | PLU Change Key |
| 19 | [EDIT DATETIME] | Change Date/Time |
| 20 | [EDIT D/C] | Set discount for current PLU |
| 21 | [EDIT SPEEDKEY] | Change PLU Speed key |
| 22 | [EDIT PRICE] | PLU Price Change Key |
| 23 | [CLERK CALL] | Clerk key to call indirectly |
| 24 | [LAST VOID] | Void Last Sale |
| 25~28 | [CURRENCY1~4] | Call Currency Table |
| 29 | [BATCH] | Batch Printing |
| 31~39 | [TARE KEY1~9] | Call Tare Table |
| 40~42 | [UNIT1~3] | Weight Unit Key kg : unit1=1kg, unit2=100g, unit3=N/A lb : unit1=1lb,unit2=1/2lb,unit3=1/4lb |
| 43 | [KGLB] | Toggle between the Kg and Lb |
| 44 | [PACKDATE] | Pack Date Change Key |

| | | |
|---------|-------------------|---|
| 45 | [TICKET NO] | Edit TicketSerialNumber(Masterscale) input range : 1~99999 |
| 50 | [PRINTDATE] | Print Date On, Off |
| 51~82 | [CLERK(V1~V32)] | Clerk key |
| 83~90 | [LABEL1~8] | Label Change Key |
| 91 | [EDIT TAX] | Tax Change Key |
| 92 | [EDIT TRACE] | Traceability Change Key |
| 93~124 | [CLERK(V33~64)] | Clerk key |
| 125 | [SCAN CLERK] | Select the scan clerk |
| 126 | [BARCODE] | Input barcode number Key |
| 127 | [EDIT INGREDIENT] | Edit ingredient Key |
| 128 | [LARGE MSG CALL] | Large Message Call Key |
| 129 | [SALE SPECIAL] | Change Special Unit Price Key |
| 138 | [CUSTOMER NO] | Customer No. Input Key |
| 139 | [CUSTOMER CLOSE] | Customer No. close Key |
| 140 | [REOPEN] | Reopen Key |
| 141~145 | [DISC 10% ~ 50%] | 10%~50% discount key |
| 148~154 | [PAY 1~7] | 1~7 Pay key |
| 155 | [RETURN] | Return key |
| 157~168 | LABEL(9~20) | Label Change Key |
| 169 | [AUTO] | Auto, pre-pack key |
| 170 | [DATE/TIME] | Change display content of DATE/TIME area |
| 171 | [GLOBAL_TAX] | Apply Global TAX on current PLU temporary |

| | | |
|-----------|----------------|---|
| 172 | [GLOBAL_LABEL] | Apply Global Label and Barcode(toggle) |
| 173 | [MULTI PRINT] | Print multiple label |
| 181 | [FEED] | Label feed key |
| 182 | [PREPACK] | Prepack key |
| 183 | [NETWEIGHT] | Prepack key |
| 184 | [ZERO] | Zero Setting |
| 185 | [TARE] | Tare Setting |
| 186 | [EDIT KEY] | Edit Speed Key Config |
| 187 | [SHIFT] | SHIFT Key |
| 188 | [CLEAR] | CLEAR Key |
| 189 | [PRINT] | PRINT Key |
| 190 | [PLU LIST] | show plu list and call if it is pressed. |
| 191 | [LOCK SCREEN] | lock/unlock touch screen |
| 192 | [ADD] | ADD Key |
| 0 or 9999 | | PLU Key |

2.15 Report

2.15.1 Introduction

X mode is used to read (i.e. print and display) sales data. There are variety of reports that you can generate from X mode. Each of these reports is kept in two separate counters or "books" called X1 and X2. The X1 and X2 reports allow you to print reports at any time for either of the reporting periods.

You can use X1 reports to see current daily totals and X2 reports to see current weekly totals. The time period combination you chose is completely dependent upon how you use Z1 and Z2.

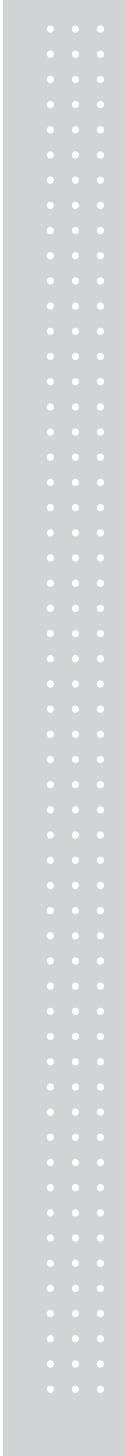
Remember that you can generate as many X reports as you would like because X mode does NOT clear any sales data.

2.15.2 Report Menu (Menu code 1600)

(MENU → 6. Report)



| No. | Submenus | Description |
|-----|-----------|---|
| 1 | X1 Report | Print and display sales data of period 1 |
| 2 | Z1 Report | Print, display and clear sales data of period 1 |
| 3 | X2 Report | Print and display sales data of period 2 |
| 4 | Z2 Report | Print, display and clear sales data of period 2 |



| | | |
|---|-----------|-------------------------------------|
| 5 | Clear All | Clear all reports of period 1 and 2 |
|---|-----------|-------------------------------------|

2.15.3 X1/X2 Report (Menu code 1610/1630)

(MENU → 6. Report → 1. X1 Report / → 3. X2 Report)

There are 7 detailed reports.

| No | Submenus | Description |
|----|------------|---|
| 1 | Scale | Print and display scale sales report |
| 2 | PLU | Print and display PLU sales report |
| 3 | Misc. PLU | Print and display Misc. PLU sales report |
| 4 | Group | Print and display group sales report |
| 5 | Department | Print and display department sales report |
| 6 | Hourly | Print and display hourly sales report |
| 7 | Clerk | Print and display clerk sales report |

2.15.4 X1/X2 Scale Sales Report (Menu code 1611/1613)

(MENU → 6. Report → 1. X1 Report /3. X2. Report → 1. Scale)

| | | | | | |
|--------------|---------|-----------------------|-----------|------|-------|
| PROGRAM MODE | 1611 | X1 SCALE SALES REPORT | SALE MODE | SAVE | PREV. |
| Count: | 3 | | | | |
| Total: | \$ 3.74 | | | | |
| [TEST]=print | | | | | |

To print this report, press “TEST” key.

shows “Do you want to print on label?”. If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.

To exit this menu, press the “ESC” key.

► Sample - Scale Report

```

X1 SCALE REPORT
AUG-23-04(MON) 09:46:36 AM
Last Reset
AUG-16-04(MON) 03:33:14 PM
=====
SCALE #01
-----
TOTAL COUNT          267
TOTAL PRICE          $ 5693,70
VOID COUNT           3
VOID PRICE           $ 27,30
REPACK COUNT         0
REPACK PRICE         $ 0,00
OVERRIDE COUNT       0
OVERRIDE PRICE       $ 0,00
DISCOUNT COUNT      0
DISCOUNT PRICE     $ 0,00
PREPACK COUNT        1
PREPACK PRICE        $ 3,05
RETURN COUNT         0
RETURN PRICE         $ 0,00
NO SALE OPEN COUNT   0

PAY SUMMARY
CASH          26      $ 1242,70
PIN/CHIP      2       $ 12,50
CHECK         2       $ 82,00
CREDIT CARD   5       $ 84,40
CREDIT NOTE   2       $ 61,00
COUPON        3       $ 17,00
BONUS POINT   0       $ 0,00
CREDIT SALES  3       $ 60,00
CHANGE        17      $ 287,46

TAX SUMMARY
1:10,00%,Internal      $ 67,39
2:10,00%,External     $ 242,00
3: 8,00%,Internal     $ 190,95
4: 0,00%                $ 0,00
5: 0,00%                $ 0,00
6: 0,00%                $ 0,00
7: 0,00%                $ 0,00
8: 0,00%                $ 0,00
9: 0,00%                $ 0,00
=====

```

2.15.5 X1/X2 PLU Report (Menu code 1612/1632)

(MENU → 6. Report → 1. X1 Report /3. X2 Report → 2. PLU Report)

Enter PLU range to check.

1 PRINT 1 0

EX) dept 1, PLU 1 ~ 10

PLU sales report is shown on the display by pressing "PRINT" key.

PRINT

| PROGRAM MODE | 1612 | X1 PLU SALES REPORT | SALE MODE | SAVE | PREV. |
|----------------|------|---------------------|-----------|------|-------|
| Department No. | 1 | | | | |
| Start PLU No : | 1 | | | | |
| End PLU No : | 10 | | | | |

| PROGRAM MODE | 1612 | X1 PLU SALES REPORT | SALE MODE | SAVE | PREV. |
|--------------|---------|---------------------|-----------|------|-------|
| Count: | 3 | | | | |
| Total: | \$ 3.74 | | | | |
| [TEST]=print | 10 | | | | |

To print report, press "TEST" key.

* If your scale is in label mode, the scale shows "Do you want to print on label?". * If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket

* "Do you want to print on label?" message is displayed depending on the setting of menu 1872

* Confirm Print Report on Label

* If you print report in label mode, rewind motor does not operated so you remove label and then press the FEED key.

To exit this menu, press the "ESC" key.

Note: PLU with no sales is not printed.

► Sample - PLU Report

```
X1 SCALE REPORT
AUG-23-04(MON) 09:46:36 AM
Last Reset
AUG-16-04(MON) 03:33:14 PM
Start No:00000, End No:99999
=====
DEPT #01 Default
-----
PLU #00001 APPLE
TRANSACTION COUNT      84
WEIGHT                 74.828 kg
QUANTITY               0
PRICE                  $ 681.79
TAX PRICE              $ 67.39
PLU #00002 BANANA
TRANSACTION COUNT      96
WEIGHT                 0.000 kg
QUANTITY              98
PRICE                  $ 1994.00
TAX PRICE              $ 196.00
PLU #00003 ORANGE
TRANSACTION COUNT      61
WEIGHT                 0.000 kg
QUANTITY              62
PRICE                  $ 1994.00
TAX PRICE              $ 196.00
...
-----
=====
```

2.15.6 X1/X2 Miscellaneous PLU Report (Menu code 1613/1633)

(MENU → 6. Report → 1. X1 Report /3. Report → 3. MISC. PLU)

Enter the number to check.

0 : Miscellaneous by-Weight

1 : Miscellaneous by-count

2 : Miscellaneous by-pcs

Ex) Misc. by-weight, Misc. by-count, Misc. by-pcs

| | | |
|---|-------|---|
| 0 | PRINT | 2 |
|---|-------|---|

| | | | | | |
|----------------|------|-----------------------|-----------|------|-------|
| PROGRAM MODE | 1613 | X1 MISC. SALES REPORT | SALE MODE | SAVE | PREV. |
| Start PLU No : | 0 | | | | |
| End PLU No : | 2 | | | | |
| | | | | | |

Sales report is shown on the display by pressing "PRINT" key.

| |
|-------|
| PRINT |
|-------|

| | | | | | |
|--------------|---------|-----------------------|-----------|------|-------|
| PROGRAM MODE | 1613 | X1 MISC. SALES REPORT | SALE MODE | SAVE | PREV. |
| Count: | 0 | | | | |
| Total: | \$ 0.00 | | | | |
| [TEST]=print | | | | | |

To print report, press "TEST" key.

* If your scale is in label mode, the scale shows "Do you want to print on label?".

* If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.

* "Do you want to print on label?" message is displayed depending on the setting of menu 1872

* Confirm Print Report on Label

* If you print report in label mode, rewind motor does not operated so you remove label and then press the FEED key.

To exit this menu, press the "ESC" key.

Note: Misc. PLU with no sales is not printed.

► Sample - Miscellaneous Report

X1 SCALE REPORT
AUG-23-04(MON) 09:46:36 AM
Last Reset
AUG-16-04(MON) 03:33:14 PM
Start No:0, End No:2
=====

PLU # Misc By Weight
TRANSACTION COUNT 84
WEIGHT 74,828 kg
QUANTITY 0
PRICE \$ 681,79
TAX PRICE \$ 67,39
PLU # Misc by Count
TRANSACTION COUNT 96
WEIGHT 0,000 kg
QUANTITY 98
PRICE \$ 1994,00
TAX PRICE \$ 196,00
PLU # Misc By PCS
TRANSACTION COUNT 61
WEIGHT 0,000 kg
QUANTITY 98
PRICE \$ 1994,00
TAX PRICE \$ 196,00

=====

2.15.7 X1/X2 Group Report (Menu code 1614/1644)

(MENU → 6. Report → 1. X1 Report /X2. Report → 4. Group)

Enter group range to check
If you do not set group in PLU setting, it is
1 : Miscellaneous by-count

| | | | |
|---|-------|---|---|
| 1 | PRINT | 2 | 3 |
|---|-------|---|---|

Ex) Group 1 ~ Group 23

| | | | | | |
|----------------|------|-----------------------|-----------|------|-------|
| PROGRAM MODE | 1614 | X1 GROUP SALES REPORT | SALE MODE | SAVE | PREV. |
| Start PLU No : | 1 | | | | |
| End PLU No : | 23 | | | | |
| | | | | | |

You can see group sales data by pressing
“PRINT” key.

PRINT

| | | | | | |
|--------------|---------|-----------------------|-----------|------|-------|
| PROGRAM MODE | 1614 | X1 GROUP SALES REPORT | SALE MODE | SAVE | PREV. |
| Count: | 3 | | | | |
| Total: | \$ 3.74 | | | | |
| [TEST]=print | | | | | |

To print report, press the “TEST” key.

* If your scale is in label mode, the scale shows “Do you want to print on label?”.

* If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.

To exit this menu, press “ESC” key.

Note: Misc. If the setting of MENU 1872, “Print All Report within Range” is “No”, the group with no sales is not printed. But if “Yes”, all group sales data within the range is printed.

► Sample - PLU Report

```

X1 SCALE REPORT
AUG-23-04(MON) 09:46:36 AM
Last Reset
AUG-16-04(MON) 03:33:14 PM
Start No:00, End No:99
=====
GROUP #00 NO Assigned PLU Group
-----
TOTAL COUNT          276
TOTAL PRICE          $5993,70
PREPACK COUNT        1
PREPACK PRICE        $ 3,05
-----
GROUP #01 Vegetable
-----
TOTAL COUNT          276
TOTAL PRICE          $5993,70
PREPACK COUNT        1
PREPACK PRICE        $ 3,05
-----
GROUP #02 Fruit
-----
TOTAL COUNT          276
TOTAL PRICE          $5993,70
PREPACK COUNT        1
PREPACK PRICE        $ 3,05
-----
. . .
=====
    
```

2.15.8 X1/X2 Department Sales Report (Menu code 1615/1635)

(MENU → 6. Report → 1. X1 Report /3.X2 Report → 5. Department)

Enter department range to check.

1 PRINT 1 0

EX) dept 1 ~ dept 10

| | | | | | |
|----------------|------|----------------------|-----------|------|-------|
| PROGRAM MODE | 1615 | X1 DEPT SALES REPORT | SALE MODE | SAVE | PREV. |
| Start PLU No : | 1 | | | | |
| End PLU No : | 10 | | | | |
| | | | | | |

You can see department sales data by pressing "PRINT" key.

PRINT

To print report, press the "TEST" key.

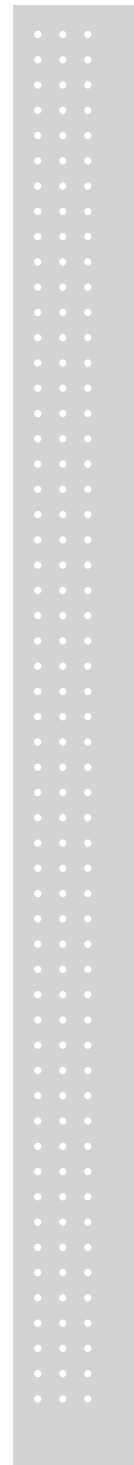
| | | | | | |
|--------------|---------|----------------------|-----------|------|-------|
| PROGRAM MODE | 1615 | X1 DEPT SALES REPORT | SALE MODE | SAVE | PREV. |
| Count: | 3 | | | | |
| Total: | \$ 3.74 | | | | |
| [TEST]=print | | | | | |

* If your scale is in label mode, the scale shows “Do you want to print on label?”.

* If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.

* To exit this menu, press “ESC” key.

Note: If the setting of MENU 1872, “Print All Report within Range” is “No”, the department with no sales is not printed. But if “Yes”, all department sales data within the range is printed.



► Sample - Department Report

```

X1 SCALE REPORT
AUG-23-04(MON) 09:46:36 AM
Last Reset
AUG-16-04(MON) 03:33:14 PM
Start No:01, End No:99
=====
DEPT #01 Default
-----
TOTAL COUNT                274
TOTAL PRICE                $5993,70
PREPACK COUNT              1
PREPACK PRICE              $ 3,05
RETURN COUNT               0
RETURN PRICE               $ 0,00
-----
DEPT #02 MEET
-----
TOTAL COUNT                274
TOTAL PRICE                $5993,70
PREPACK COUNT              1
PREPACK PRICE              $ 3,05
RETURN COUNT               0
RETURN PRICE               $ 0,00
-----
DEPT #03 FISH
-----
TOTAL COUNT                274
TOTAL PRICE                $5993,70
PREPACK COUNT              1
PREPACK PRICE              $ 3,05
RETURN COUNT               0
RETURN PRICE               $ 0,00
-----
=====
    
```

2.15.9 X1/X2 Hourly Sales Report (Menu code 1616/1636)

(MENU → 6. Report → 1. X1 Report /3.X2 Report → 6. Hourly)

Enter time to check.

EX) AM 9 hour ~ PM 2 hour

| | | | |
|---|-------|---|---|
| 9 | PRINT | 1 | 4 |
|---|-------|---|---|

| | | | | | |
|--------------|------|------------------------|-----------|------|-------|
| PROGRAM MODE | 1616 | X1 HOURLY SALES REPORT | SALE MODE | SAVE | PREV. |
| No. from | 9 | | | | |
| .. to | 14 | | | | |
| | | | | | |

You can see hourly sales data by pressing "PRINT" key.

To print report, press "TEST" key.

* If your scale is in label mode, the scale shows "Do you want to print on label?".

* If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.

* To exit this menu, press "ESC" key

Note: If the setting of MENU 1872, "Print All Report within Range" is No , the hour with no sales is not printed. But if "Yes", all hour sales data within the range is printed.

► Sample - hourly Report

```
X1 SCALE REPORT
AUG-23-04(MON) 09:46:36 AM
Last Reset
AUG-16-04(MON) 03:33:14 PM
Start No:00, End No:23
=====
HOUR #10
-----
TOTAL COUNT          274
TOTAL PRICE          $5993,70
PREPACK COUNT         1
PREPACK PRICE        $ 3,05
-----
HOUR #11
-----
TOTAL COUNT          274
TOTAL PRICE          $5993,70
PREPACK COUNT         1
PREPACK PRICE        $ 3,05
-----
HOUR #13
-----
TOTAL COUNT          274
TOTAL PRICE          $5993,70
PREPACK COUNT         1
PREPACK PRICE        $ 3,05
-----
...
=====
```

2.15.10 X1/X2 Clerk Sales Report (Menu code 1617/1637)

(MENU → 6. Report → 1. X1 Report /3.X2 Report → 7. Clerk)

Enter clerk range to check.

| | | | |
|---|-------|---|---|
| 0 | PRINT | 9 | 9 |
|---|-------|---|---|

EX) clerk 0 ~ clerk 99

| | | | | | |
|--------------|------|-----------------------|-----------|------|-------|
| PROGRAM MODE | 1617 | X1 CLERK SALES REPORT | SALE MODE | SAVE | PREV. |
| No. from | 0 | | | | |
| . . to | 99 | | | | |
| | | | | | |

You can see hourly sales data by pressing “PRINT” key.

PRINT

To print report, press “TEST” key.

* If your scale is in label mode, the scale shows “Do you want to print on label?”.

* If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.

* To exit this menu, press “ESC” key

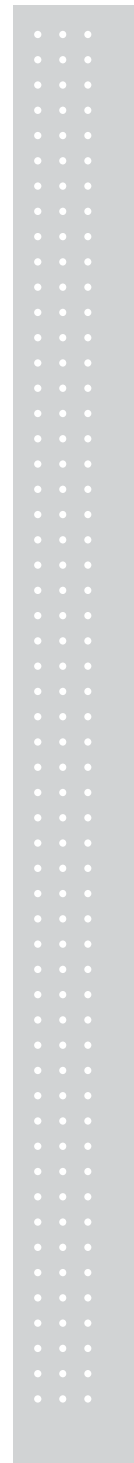
Note: If the setting of MENU 1872, “Print All Report within Range” is No , the hour with no sales is not printed. But if “Yes”, all hour sales data within the range is printed.

► Sample - Clerk Report

```

XI SCALE REPORT
XI CLERK REPORT
AUG-23-04(MON) 09:46:36 AM
Last Reset
AUG-16-04(MON) 03:33:14 PM
Start No:00, End No:99
=====
CLERK #00 MANAGER
-----
TOTAL COUNT                267
TOTAL PRICE                 $ 5693.70
VOID COUNT                  3
VOID PRICE                  $ 27.30
REPACK COUNT                0
REPACK PRICE                $ 0.00
OVERRIDE COUNT             0
OVERRIDE PRICE             $ 0.00
DISCOUNT COUNT           0
DISCOUNT PRICE           $ 0.00
PREPACK COUNT              1
PREPACK PRICE              $ 3.05
RETURN COUNT               0
RETURN PRICE               $ 0.00
NEGATIVE COUNT             0
NEGATIVE PRICE             $ 0.00
NO SALE OPEN COUNT        0
PAY SUMMARY
CASH                26      $ 1242.70
PIN/CHIP            2       $ 12.50
CHECK               2       $ 82.00
CREDIT CARD         5       $ 84.40
CREDIT NOTE         2       $ 61.00
COUPON              3       $ 17.00
BONUS POINT         0       $ 0.00
CREDIT SALES        3       $ 60.00
CHANGE              17      $ 287.46
-----
CLERK #01 CLERK
-----
TOTAL COUNT                267
TOTAL PRICE                 $ 5693.70
...
-----
CLERK #02 AHN
-----
TOTAL COUNT                267
TOTAL PRICE                 $ 5693.70
...
=====

```



2.15.11 Z1/Z2 Report (Menu code 1620/1640)

(MENU → 6. Report → 2. Z1 Report / 4. Z2 Report)

If you want to print and clear the data, press TEST key. The scale shows following screen.
If the print mode(paper type) is different, following message is shown on the display.

| | | | | | |
|----------------------|---------|-----------------------|-----------|------|-------|
| PROGRAM MODE | 1621 | Z1 SCALE SALES REPORT | SALE MODE | SAVE | PREV. |
| Count: | 3 | | | | |
| Total: | \$ 3.74 | | | | |
| [TEST]=print & clear | | | | | |

To print and clear, press “1” key. The scale shows following screen.

1

| | | | | |
|------------------------|--|-----------|------|-------|
| | | SALE MODE | SAVE | PREV. |
| Are you sure?(1=Y/0=N) | | | | |
| | | | | |
| | | | | |

When printing is done, Z1 data is cleared and exit this menu. Sales data is same with X1 report

Note1: If the setting of Parameter 598, “Print when Z Report clear” is “No”, you cannot print Z Report.

Note2: If the setting of Parameter 595 “Individual clear(Z report)” is “Yes”, you can clear Scale, PLU, Misc. PLU, Group, Department, Hourly, Clerk data is cleared separately.
But if you use this function, each report is not same with scale report.

2.15.12 Clear All Report (Menu code 1650)

(MENU → 6. Report → 5. Clear All)

If you select menu code 1650, you will see following screen.

| | | | | | |
|------------------------|------|-----------|--------------|------|-------|
| PROGRAM MODE | 1650 | CLEAR ALL | SALE MODE | SAVE | PREV. |
| Are you sure?(1=Y/0=N) | | | | | |
| | | | | | |
| | | | | | |

To clear all report, press 1 key. If you do not want to clear, press 0 or ESC key.

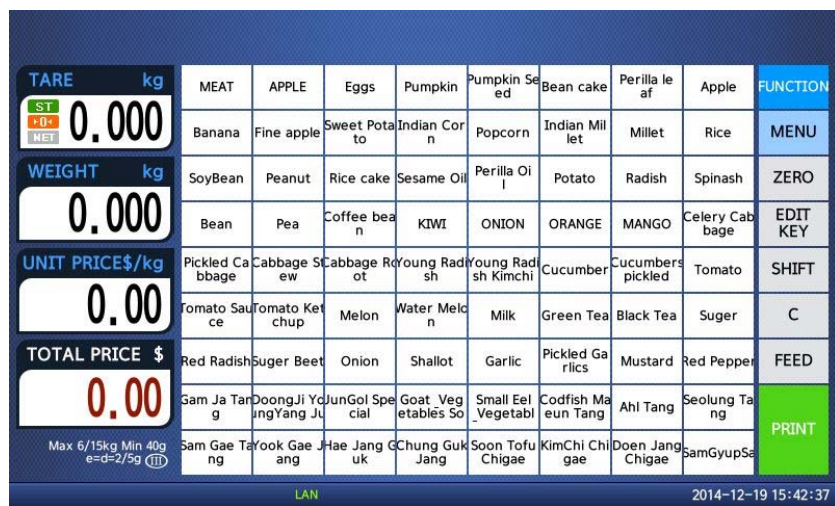
1

3. SALES OPERATION

3.1 Basic Operation

This chapter explains basic operation of scale, such as how to set zero, tare, call up a PLU and override unit price in CL7200 series.

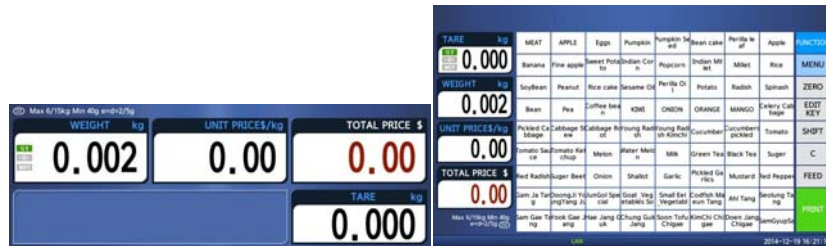
- Turn ON the scale. The first screen will be seen as below.



3.2 Zero

You can use the ZERO key to correct for a deviation from zero as long as there are no PLUs or MISC PLUs called-up. The weight can sometimes drift from zero due to debris on the platter, leaving objects on the platter for excessive periods of time, or other environmental factors. To correct this, remove everything from the platter and press the ZERO key when the stable indicator “▶0◀” is on. Below is a possible zero drifted state that should be corrected by simply pressing the ZERO key.

① EX) Initial weight displayed => 0.002.



② Press “ZERO” key to set initial zero.



3.3 Tare

You can enter tare weights as long as there are no PLUs or MISC PLUs called-up. If you need to temporarily override a PLU's tare weight, you must enter the tare weight first and then call-up that PLU.)There are two ways to enter a tare weight and both ways will only work if there is no PLU or MISC PLU called-up.

3.3.1 Manual Tare Entry 1

⊙ Press FUNCTION key and Enter a tare weight manually by pressing the numeric keys EX) 150 g



⊙ Press "TARE" key.



TARE kg
 ST 0.150
 MET
WEIGHT kg
 -0.150
UNIT PRICE\$/kg
 0.00
TOTAL PRICE \$
 0.00
 Max 6/15kg Min 40g
 e=d=2/5g

| | | | | | |
|----------------|------|------|-----------|-----------|--------|
| RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU |
| DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID |
| DISC (-) | 7 | 8 | 9 | PLU | ADD |
| WT/CT | 4 | 5 | 6 | X | PAY |
| MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL |
| MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT |

SPEED KEY
 SHIFT
 C
 FEED
 PRINT

LAN 2014-12-24 10:27:48

3.3.2 Weighed Tare Entry

- Place the empty container on the platter making sure that the weight is stable
EX) 0.15 kg

TARE kg
 ST 0.000
 MET
WEIGHT kg
 0.150
UNIT PRICE\$/kg
 0.00
TOTAL PRICE \$
 0.00
 Max 6/15kg Min 40g
 e=d=2/5g

| | | | | | |
|----------------|------|------|-----------|-----------|--------|
| RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU |
| DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID |
| DISC (-) | 7 | 8 | 9 | PLU | ADD |
| WT/CT | 4 | 5 | 6 | X | PAY |
| MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL |
| MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT |

SPEED KEY
 SHIFT
 C
 FEED
 PRINT

LAN 2014-12-24 11:03:41

© Press "TARE" key.



TARE kg

ST
NET **0.150**

WEIGHT kg

0.000

UNIT PRICE\$/kg

0.00

TOTAL PRICE \$

0.00

Max 6/15kg Min 40g
e=d=2/5g

| | | | | | |
|----------------|------|------|-----------|-----------|--------|
| RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU |
| DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID |
| DISC (-) | 7 | 8 | 9 | PLU | ADD |
| WT/CT | 4 | 5 | 6 | X | PAY |
| MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL |
| MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT |

SPEED KEY

SHIFT

C

FEED

PRINT

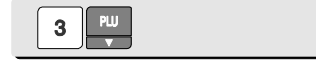
LAN 2014-12-24 11:03:52

3.3.3 How to Clear Tare

- ⊙ Remove the item from the platter
- ⊙ Press “TARE” key again.

3.3.4 Preset Tare

- ⊙ Call up a PLU including tare(weight of container).
EX) PLU #3 s tare =150 g



- ⊙ Clear PLU#3, then tare is also automatically cleared.

3.3.5 Successive Tare

- ⊙ Enter tare (weight of container) using numeric keys.
EX) 150 g

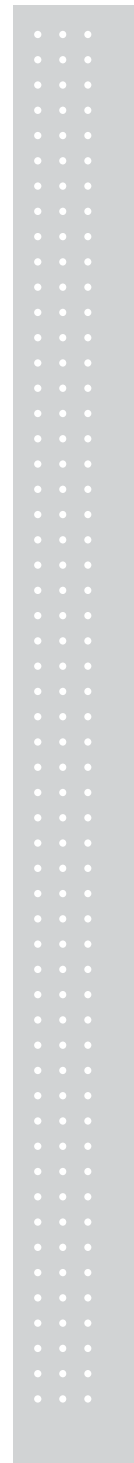


- ⊙ Enter the weight of container using numeric keys.
EX) 200 g



- ⊙ Press “TARE key after removing item and container from the platter.

Note: Parameter 605 “Accumulation Tare” and parameter 606 “Subtraction Tare” must be set.



3.4 Calling Up a PLU

There are two ways to call up a PLU by using numeric key and preset key(speed key).

3.4.1 Using Numeric Key

- Enter PLU number by using numeric keys and press "PLU" key.
EX) PLU No. 15



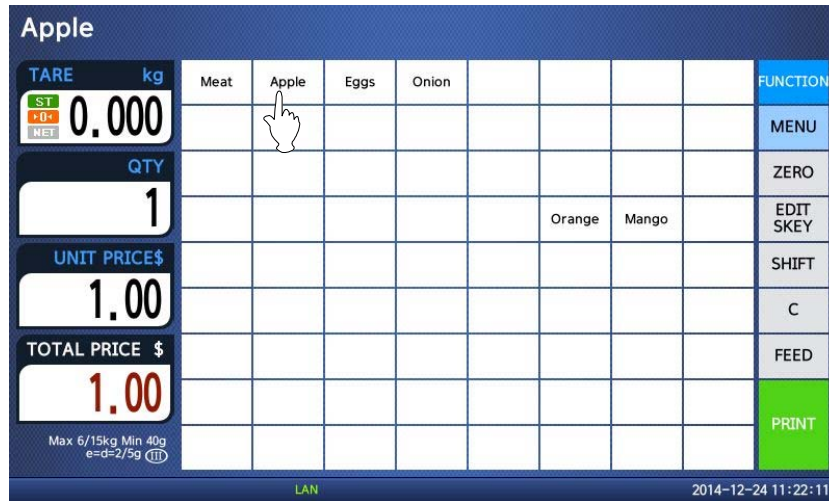
Note: Even though you do not press PLU key after entering a PLU number, PLU will be displayed depending on the setting time. It takes time to call up a PLU depending on the setting of parameter, 586 "Indirect PLU Call Time".

3.4.2 Using Speed Key

To call-up PLU number 2, and you programmed Speed key #2 to be PLU number 2, then you need to press the following key: Speed key #2.

Note: You have to set Speed key in program mode (Menu 1160 on chapter 2.6)

- Press a speed key (which is save as a PLU).
EX) PLU #2=Apple, Speed key #2



3.5 Override (FOR key)

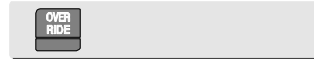
The OVERRIDE key is used to temporarily change the pricing of priced PLUs.

- ➔ If you set program menu 1873(Save unit price change), changed priced is saved after printing a label.

3.5.1 By-Weight PLU

- PLU# 1.MEAT (PLU Type : By weight, Unit Price : 1.99\$).

- ⊙ Press FUNCTION key and OVERRIDE key.



Meat

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--------|------|-----------|-----------|-----------|------|----------|-----|------|----------|------|------|----------|---|---|---|-----|-----|-------|---|---|---|---|-----|---------------|---|---|---|------|--------|----------------|----|---|---|-------|-------|--------------|--|--|
| TARE kg ST NET 0.000 | <table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>RETURN</td><td>ZERO</td><td>TARE</td><td>OVER RIDE</td><td>DATE TIME</td><td>MENU</td></tr> <tr><td>DISC (%)</td><td>FOR</td><td>AUTO</td><td>PRE PACK</td><td>SAVE</td><td>VOID</td></tr> <tr><td>DISC (-)</td><td>7</td><td>8</td><td>9</td><td>PLU</td><td>ADD</td></tr> <tr><td>WT/CT</td><td>4</td><td>5</td><td>6</td><td>X</td><td>PAY</td></tr> <tr><td>MISC. WEIGHED</td><td>1</td><td>2</td><td>3</td><td>FEED</td><td>ST TTL</td></tr> <tr><td>MISC. BY COUNT</td><td>00</td><td>0</td><td>C</td><td>PRINT</td><td>PRINT</td></tr> </table> | RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU | DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID | DISC (-) | 7 | 8 | 9 | PLU | ADD | WT/CT | 4 | 5 | 6 | X | PAY | MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL | MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT | SPEED KEY | | |
| RETURN | | ZERO | TARE | OVER RIDE | DATE TIME | MENU | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISC (%) | | FOR | AUTO | PRE PACK | SAVE | VOID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISC (-) | | 7 | 8 | 9 | PLU | ADD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WT/CT | | 4 | 5 | 6 | X | PAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WEIGHT kg 0.000 | SHIFT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UNIT PRICE\$/kg 1.99 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL PRICE \$ 0.00 | FEED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max 6/15kg Min 40g e=d=2/5g | PRINT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

LAN R1 2014-12-24 11:39:13

- ⊙ Enter new unit price.



Meat

TARE kg
 0.000

WEIGHT kg
 0.000

UNIT PRICE\$/kg
 1.50

TOTAL PRICE \$
 0.00

Max 6/15kg Min 40g
 e=d=2/5g

| | | | | | |
|----------------|------|------|-----------|-----------|--------|
| RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU |
| DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID |
| DISC (-) | 7 | 8 | 9 | PLU | ADD |
| WT/CT | 4 | 5 | 6 | X | PAY |
| MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL |
| MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT |

SPEED KEY

SHIFT

C

FEED

PRINT

LAN R1 2014-12-24 11:40:10

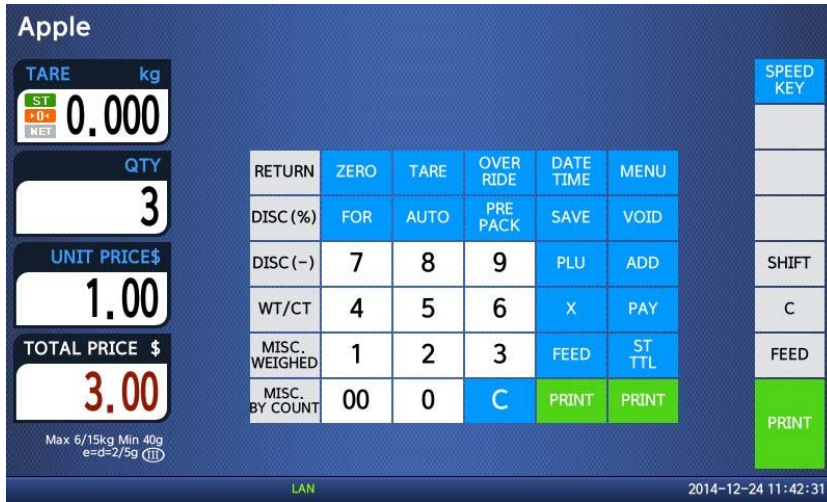
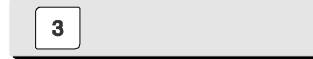
© Press PRINT key to print label.



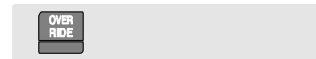
3.5.2 By-Count PLU

- PLU# 2.APPLE (PLU Type : By count, Unit Price : 1.00\$).

⊙ Press FUNCTION key and Enter QUANTITY.



⊙ Press OVERRIDE key.



⊙ Enter new unit price.



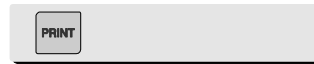
Apple

| | | | | | | | |
|------------------|-------|----------------|------|------|-----------|-----------|--------|
| TARE | kg | | | | | SPEED KEY | |
| ST +D+ NET | 0.000 | | | | | | |
| QTY | 3 | RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU |
| UNIT PRICE \$ | 1.50 | DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID |
| TOTAL PRICE \$ | 4.50 | DISC (-) | 7 | 8 | 9 | PLU | ADD |
| | | WT/CT | 4 | 5 | 6 | X | PAY |
| | | MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL |
| | | MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT |

Max 6/15kg Min 40g
e=d=2/5g

LAN R2 2014-12-24 11:42:51

Ⓞ Press PRINT key to print label.



3.5.3 By-PCS PLU

- PLU# 3.Eggs (PLU Type : By PCS, Pieces : 3, Unit Price : 30.00\$).

Ⓞ Press FUNCTION key and Press OVERRIDE key



Ⓞ . Enter new unit price.



Eggs

TARE kg: 0.000

QTY-PCS: 3-3

UNIT PRICES: 35.00

TOTAL PRICE \$: 35.00

Max 6/15kg Min 40g e=d=2/5g

| | | | | | |
|----------------|------|------|-----------|-----------|--------|
| RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU |
| DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID |
| DISC (-) | 7 | 8 | 9 | PLU | ADD |
| WT/CT | 4 | 5 | 6 | X | PAY |
| MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL |
| MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT |

LAN R3 2014-12-24 11:44:56

Ⓞ Press FOR key and enter QUANTITY





Ⓞ Press FOR key and enter PIECES



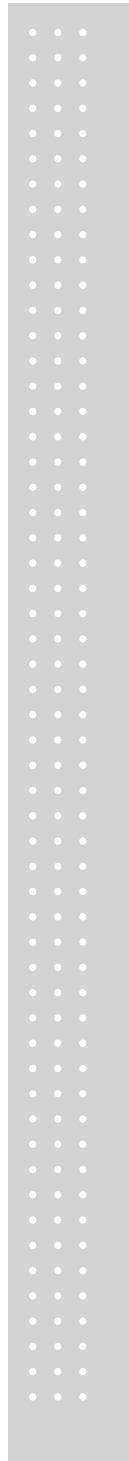
Ⓞ Press PRINT key to print label.



Note: - If you set program menu 1873(Save unit price change), changed priced is

saved after printing a label.

- If you set parameter 501(Ride Second Position), you can change unit price of by-count PLU and pcs of by-pcs PLU directly.
- Discount function is not available when you use OVERRIDE key.



3.6 Sales Operation

3.6.1 Weighed Item Operation

EXAMPLE:

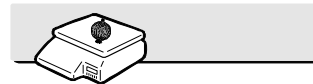
- PLU No : 4, PLU Name: ONION, PLU type : by weight, Unit Price : 1.50\$,
- Sales Weight =1.0kg

- ① Press Speed key to call up a PLU.



User may call up a PLU by pressing speed key or numeric key. Please refer to chapter 3.4 for details.

- ② Place the item(s) on the platter.



| Onion | | | | | | | | | | |
|-------------|-------|------|-------|------|-------|--|--------|-------|--|-----------|
| TARE | kg | Meat | Apple | Eggs | Onion | | | | | FUNCTION |
| ST | 0.000 | | | | | | | | | MENU |
| WEIGHT | 1.000 | | | | | | | | | ZERO |
| UNIT PRICE | 1.50 | | | | | | Orange | Mango | | EDIT SKEY |
| TOTAL PRICE | 1.50 | | | | | | | | | SHIFT |
| | | | | | | | | | | C |
| | | | | | | | | | | FEED |
| | | | | | | | | | | PRINT |

Max 6/15kg Min 40g e=d=2/5g

LAN 2014-12-24 11:49:01

- ③ Press "PRINT" key to print a label and complete current transaction. This transaction(s) is saved in the sales record.



- ④ Remove the item(s) from the platter.



* Total Price= Sales weight X Unit price

Note: - In "SAVE" & "Prepack" mode the PLU is not automatically cleared when you remove the item from the platter.
 - If you set "PLU clr Aft sale(WT.OnTray)" to "Y" in Menu 1873, PLU is cleared even though you do not remove the item from the platter.
 (See chapter 2.14.7.3 for menu 1873)

3.6.2 By Count Item

EXAMPLE:

- PLU No : 31, PLU Name: MANGO, PLU type = By-Count, Unit Price: 1.99\$,
- Sales 20 pieces.

Ⓞ Press numeric key(s) to call up a PLU.



! User may call up a PLU by pressing speed key or numeric key. Please refer to chapter 3.4 for details.

Ⓞ Press FUNCTION key and enter the number of pieces.
 EX) 20 pieces.



Ⓞ Press "PRINT" key to print a label and complete current transaction. This

191



transaction(s) is saved in the sales record.

* Total Price= Piece(s) X Unit price

Note: - In "SAVE" & "Prepack" mode, the PLU called up is not automatically cleared when you remove the item from the platter.

3.6.3 By PCS Item

EXAMPLE:

- PLU No : 30, PLU Name: ORANGE, PLU type = By PCS, PIECES: 5,
Unit Price : 1.99\$
- Sales = 20 pieces. [QUANTITY item]

① Press numeric key(s) to call up a PLU.



Orange

| TARE kg | Meat | Apple | Eggs | Onion | | | | | FUNCTION |
|------------------------|------|-------|------|-------|--|--------|-------|--|-----------|
| ST NET 0.000 | | | | | | | | | MENU |
| QTY-PCS 5-5 | | | | | | Orange | Mango | | ZERO |
| UNIT PRICE \$ 1.99 | | | | | | | | | EDIT SKEY |
| TOTAL PRICE \$ 1.99 | | | | | | | | | SHIFT |
| | | | | | | | | | C |
| | | | | | | | | | FEED |
| | | | | | | | | | PRINT |

Max 6/15kg Min 40g e=d=2/5g

LAN 2014-12-24 12:12:53

User may call up a PLU by pressing speed key or numeric key. Please refer to page 143 for details.

② Press FUNCTION key and enter QUANTITY [the number of Pieces].
EX) 20 pieces.





- ③ Press “PRINT” key to print a label and complete current transaction. This transaction(s) is saved in the sales record.



* Total Price= QUANTITY X [Unit price / PIECES]

Note: - In “SAVE” & “Prepack” mode the PLU is not automatically cleared when you remove the item from the platter.

3.7 Discount

Before using discount function, you have to set discount data in menu 1130 of program mode. Discount is different depending on PLU type. (For details, see chapter 2.4.1)

3.7.1 Unit Price Discount - By Weight PLU

EXAMPLE:

- PLU# 28= KIWI (By-Weight PLU), Unit price=20.00

- 1st Target of Discount: "Discount amount from unit price"=0.50 for weight 0.500.
- 2nd Target of Discount: "Discount amount from unit price"=1.00 for weight 1.000.

- ① Call up a PLU.



- ② Place an item on the platter. In this case, discount is not available because the weight of this item (0.490 kg) is lower than 1st target(0.500 kg).

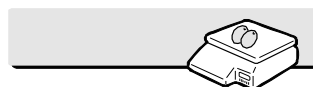


| Kiwi | | DC 9.80-0.00 | | | | | | FUNCTION |
|-----------------|-------|--------------|-------|------|-------|--------|-------|-----------|
| TARE kg | 0.000 | Meat | Apple | Eggs | Onion | | | MENU |
| WEIGHT kg | 0.490 | | | | Kiwi | Orange | Mango | ZERO |
| UNIT PRICE\$/kg | 20.00 | | | | | | | EDIT SKEY |
| TOTAL PRICE \$ | 9.80 | | | | | | | SHIFT |
| | | | | | | | | C |
| | | | | | | | | FEED |
| | | | | | | | | PRINT |

Max 6/15kg Min 40g e=d=2/5g

DISC LAN 2014-12-24 12:34:21

- ③ Place an item on the platter. In this case, discount is possible because the weight of item(0.526 kg) is greater than 1st target (0.500kg) therefore the total price is 10.26.

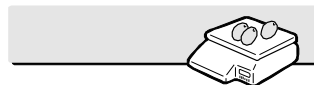




- Ⓞ Place items on the platter. In this case, discount is possible because the weight of item(1.076 kg) is greater than 1st target(0.500kg) therefore the total price is 20.44\$.



- Ⓞ Press the PRINT key. Markdown(STRIKE



THROUGH) is printed on label as figure.

- Note:** - You can set four markdown information in menu 1720 of program mode. (See chapter 2.13.3)
 - If you set "display discount info." to "Y" in menu 1871 of program mode, you can see total price and discount information on the display. (See chapter 2.14.21)

3.7.2 % Unit Price Discount - By Weight PLU

EXAMPLE:

- PLU# 29=ORANGE (By-Weight PLU), Unit price=20.00

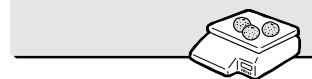
- 1st Target of Discount: "10 % off from unit price" for sales weight 0.500 kg.
- 2nd Target of Discount: "20 % off from unit price" for sales weight 1.000 kg.

① Call up a PLU.



* User may call up a PLU by pressing speed key or numeric key. Please refer to chapter 3.4 for details.

② Place an item on the platter. In this case, discount is not available because the weight of this item (0.490 kg) is lower than 1st target (0.500 kg).



Orange DC 9.80-0.00

| | | | | | | | | | |
|-------------------------------------|------|-------|------|-------|--------|--------|-------|--|-----------|
| TARE kg | Meat | Apple | Eggs | Onion | | | | | FUNCTION |
| ST +0- NET 0.000 | | | | | | | | | MENU |
| WEIGHT kg | | | | | | | | | ZERO |
| 0.490 | | | | Kiwi | Orange | Orange | Mango | | EDIT SKEY |
| UNIT PRICE\$/kg | | | | | | | | | SHIFT |
| 20.00 | | | | | | | | | C |
| TOTAL PRICE \$ | | | | | | | | | FEED |
| 9.80 | | | | | | | | | PRINT |
| Max 6/15kg Min 40g e=d=2/5g (II) | | | | | | | | | |

DISC LAN 2014-12-24 14:08:10

© Place items on the platter. In this case, the

weight of items(0.526 kg) is greater than 1st target(0.500 kg) therefore you can have 10% discount. (Total price is 9.47)



Orange DC 10.52-1.05

| | | | | | | | | | | |
|--------------------------------|------|-------|------|-------|--------|--------|-------|--|--|-----------|
| TARE kg ST 0.000 MET | Meat | Apple | Eggs | Onion | | | | | | FUNCTION |
| WEIGHT kg 0.526 | | | | | | | | | | MENU |
| UNIT PRICE\$/kg 18.00 | | | | Kiwi | Orange | Orange | Mango | | | ZERO |
| TOTAL PRICE \$ 9.47 | | | | | | | | | | EDIT SKEY |
| Max 6/15kg Min 40g e=d=2/5g | | | | | | | | | | SHIFT |
| | | | | | | | | | | C |
| | | | | | | | | | | FEED |
| | | | | | | | | | | PRINT |

DISC LAN 2014-12-24 14:09:25

© Place items on the platter. In this case, the weight of items(1.076kg) is greater than 2nd target(1.000kg) therefore you can have 20% discount. (Total price is 17.22)



Orange DC 21.52-4.30

| | | | | | | | | | | |
|--------------------------------|------|-------|------|-------|--------|--------|-------|--|--|-----------|
| TARE kg 0.000 | Meat | Apple | Eggs | Onion | | | | | | FUNCTION |
| WEIGHT kg 1.076 | | | | | | | | | | MENU |
| UNIT PRICE\$/kg 16.00 | | | | Kiwi | Orange | Orange | Mango | | | ZERO |
| TOTAL PRICE \$ 17.22 | | | | | | | | | | EDIT SKEY |
| Max 6/15kg Min 40g e=d=2/5g | | | | | | | | | | SHIFT |
| | | | | | | | | | | C |
| | | | | | | | | | | FEED |
| | | | | | | | | | | PRINT |

DISC LAN 2014-12-24 14:10:09

- © Press the PRINT key. Markdown(STRIKE THROUGH) is printed on label as figure.



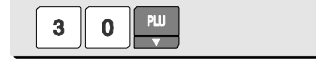
3.7.3 Unit Price Discount - By PCS PLU

EXAMPLE 2:

- PLU# 30=PREMIUM MANGO, 3 pieces FOR 6.00

- 1st Target of Discount: "Discount amount from unit price"=0.20 for sales 5 pieces.
- 2nd Target of Discount: "Discount amount from unit price"=0.50 for sales 10 pieces.

⊙ Call up a PLU.



Premium Mango

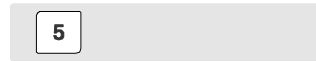
| TARE kg | Meat | Apple | Eggs | Onion | | | | | | FUNCTION |
|--------------------------------|------|-------|------|-------|--------|-------------------|-------|--|--|--------------|
| ST 0.000 MET | | | | | | | | | | MENU |
| QTY-PCS | | | | | | | | | | ZERO |
| 3-3 | | | | Kiwi | Orange | Premium Ma ngo | Mango | | | EDIT SKEY |
| UNIT PRICES | | | | | | | | | | SHIFT |
| 6.00 | | | | | | | | | | C |
| TOTAL PRICE \$ | | | | | | | | | | FEED |
| 6.00 | | | | | | | | | | PRINT |
| Max 6/15kg Min 40g e=d=2/5g | | | | | | | | | | |

LAN P#000030 2014-12-24 15:13:59

⊙ Press FUNCTION key and enter quantity.

In this case, 5 is greater than

1st Target (5), unit price(0.20\$) is discounted.

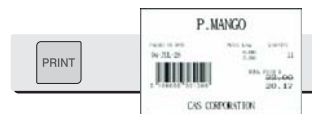




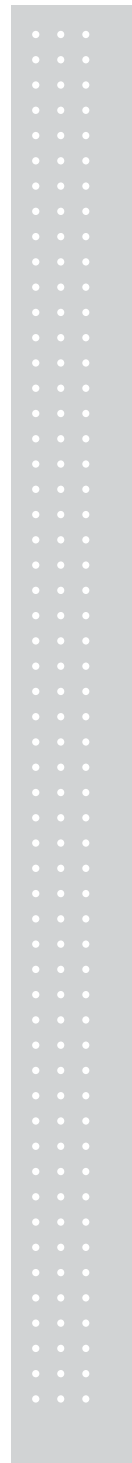
- Enter quantity. In this case, 11 is greater than 2nd Target (10), unit price(0.50\$) is discounted.



- Press the PRINT key. Markdown(STRIKE THROUGH)s printed on label as figure.



Note: - You can set four markdown information in menu 1720 of program mode.(See chapter 2.13.3)



3.8 Add-Up Transaction

If you press the ADD key instead of the PRINT key, you will initiate the ADD-UP process. You can ADD-UP 399 items maximum.

EXAMPLE 2:

- PLU# 32=SIRLOIN, PLU Type = By-Weight, Unit Price=20.00,
- PLU# 35=T-bone Steak, PLU Type = By-PCS, Pieces=3, Unit Price=6.00

① Call up a PLU and place item on the platter.



Sirloin

| | | | | | | | | | | |
|--------------------------------|------|-------|------------------|-------|--------|-------------------|-------|---------|--|----------------------|
| TARE kg | Meat | Apple | Eggs | Onion | | | | | | FUNCTION |
| ST NET 0.000 | | | | | | | | | | MENU |
| WEIGHT kg | | | | | | | | | | ZERO |
| 0.512 | | | | Kiwi | Orange | Premium Ma ngo | Mango | Sirloin | | EDIT SKEY |
| UNIT PRICE\$/kg | | | T-bone ste ak | | | | | | | SHIFT |
| 20.00 | | | | | | | | | | C |
| TOTAL PRICE \$ | | | | | | | | | | FEED |
| 10.24 | | | | | | | | | | PRINT |
| Max 6/15kg Min 40g e=d=2/5g | | | | | | | | | | |

LAN P#000032 2014-12-26 13:57:19

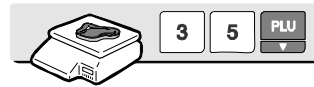
② Press FUNCTION key and press ADD key.
PLU is cleared automatically.

You will see the display as below. Remove item from the platter.





© Call up a PLU, and place item on the platter



© Press ADD key. PLU is cleared automatically.



You will see the display as below.



- ③ You can repeat the ADD-UP process up to 100 times or you can press the ST/TTL key at anytime to see the grand-total.



© To complete the sale, press the PRINT key.

(To repeat the ADD-UP process, press the ESC key.)

Total \$ 16.24

TARE kg

ST
+D-
MET

WEIGHT kg

UNIT PRICE\$/kg

TOTAL PRICE \$

Max 6/15kg Min 40g
e=d=2/5g (11)

| | | | | | |
|----------------|------|------|-----------|-----------|--------|
| RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU |
| DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID |
| DISC (-) | 7 | 8 | 9 | PLU | ADD |
| WT/CT | 4 | 5 | 6 | X | PAY |
| MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL |
| MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT |

SPEED KEY

SHIFT

C

FEED

PRINT

LAN [NO PLU] 2014-12-26 13:58:30

Note: - You can press the VOID key to undo the transaction. (See chapter 3.10).

- If you set "Print Item Label" to "Y" in menu 1750 of program mode, label will be printed whenever you press the ADD key. (See chapter 2.13.3)
- Even though you turn off the scale before printing a grand total label, add-up data is not cleared.

3.9 Clerk Operation

There are three clerk modes as below.

► Clerk Modes

| No | Clerk Modes | Description |
|----|----------------|--|
| 1 | No Clerk | Sales clerk does not log in and makes sales using "PRINT" key. |
| 2 | Standard Clerk | Generating a standard clerk transaction is the same as any sales mode transaction except that you do NOT press the PRINT key; instead you must press one of the V(Clerk-Speed) keys (1 through 4) You can print total price label depending on the setting. |
| 3 | Floating Clerk | Generating a standard clerk transaction is the same as any sales mode transaction except that you do NOT press the PRINT key; instead you must press one of the V(Clerk-Speed) keys (1 through 4) You can print total price label depending on the setting. Sales data is added automatically. |

☞ To register clerk, refer to menu code 1850 of program mode. (See chapter 2.14.5)

Assumption

- Clerk should be registered on menu 1850. (See chapter 2.14.5)
- Clerk number should be set on menu 1856 to use "V1~ V64" keys (See chapter 2.14.5.6) If the clerk is not assigned to V1~V64, this clerk has to enter password after pressing V key.
- All clerks can use "V" key.
- * Up to 100 transactions are available in Clerk mode
- * Sales data is saved in memory.
- * If you press PRINT key to complete transaction, grand total price is printed and sales data is cleared from memory.
- * If you want to see total price before completing transaction, press the ST/TTL key. To print, press the PRINT key.
- * Even though you turn off the scale before printing, sales data is not cleared.
- If you want to print ticket when you log out, press V1~V64 to log on and press the PRINT key. You can also check total price by pressing ST/TTL key after log on.

Note: - You have to set Clerk log out time in menu 1874 of program mode.

(See chapter 2.14.7) If you do not call a PLU and do not operate the scale, time is computed. To set 30 seconds for logout time, enter 300. If you do not want to log out, enter 0.

- When there is no PLU, you can print ticket again by pressing X key (It depends on the setting of parameter 599, Print last ticket)

3.9.1 Standard Clerk Operation

Assumption

- You have to set "Select Clerk Sale mode" to "2" (Standard Clerk) in menu 1820 of program mode. (See chapter 2.14.3)

EXAMPLE 2:

Clerk No: 2, Clerk Name: Christine, Clerk Key: V1

PLU#1=Meat, Unit Price 1.99, Weight, 1.0 kg

PLU#2=Apple, Unit Price 1.00, by count

⊙ Call up a PLU.



| Meat | | | | | | | | | | |
|--------------------------------|-------|--------|-------|------------------|------------------------------|--------|-------------------|-------|---------|--------------|
| TARE | kg | Meat | Apple | Eggs | Onion | | | | | FUNCTION |
| ST +0- MET | 0.000 | | | | | | | | | MENU |
| WEIGHT | kg | | | | | | | | | ZERO |
| | 1.000 | | | | Kiwi | Orange | Premium Ma ngo | Mango | Sirloin | EDIT SKEY |
| UNIT PRICE\$/kg | | | | T-bone ste ak | | | | | | SHIFT |
| | 1.99 | | | | | | | | | C |
| TOTAL PRICE \$ | | | | | | | | | | FEED |
| | 1.99 | | | | | | | | | PRINT |
| Max 6/15kg Min 40g e=d=2/5g | | CLERK1 | | | | | | | | |
| LAN | | | | | P#000001 2014-12-26 15:17:53 | | | | | |

⊙ Place an item and press V1 key. You will get a label automatically.



⊙ Call up a PLU.





- ① Place an item and press V1 key. You will get a label automatically.



- ② Press the PRINT key to complete transaction. If you are in ADD-UP mode, you can have label for grand total price.



Note: - If you are in ADD-UP mode, you can have label for grand total price by pressing PRINT key. When you turn on the scale, this function is not active so you have to press ADD key.

3.9.2 Floating Clerk Operations

Assumption

- You have to set Select Clerk Sale mode to 3 (Floating Clerk) in menu 1820 of program mode. (See chapter 2.14.3)

EXAMPLE :

- Clerk No: 2, Clerk Name: Christine, Clerk Key: V1
- PLU#1=Meat, Unit Price 1.99, Weight, 1.0 kg
- PLU#2=Apple, Unit Price 1.00, by count

- ① Call up a PLU.



Total \$ 1.42

| | | | | | | | | | | |
|--------------------------------------|--------|-------|------------------|-------|--------|-------------------|-------|---------|--|----------------------|
| TARE kg | Meat | Apple | Eggs | Onion | | | | | | FUNCTION |
| ST +0 MET | | | | | | | | | | MENU |
| WEIGHT kg | | | | | | | | | | ZERO |
| | | | | Kiwi | Orange | Premium Ma ngo | Mango | Sirloin | | EDIT SKEY |
| UNIT PRICE \$/kg | | | T-bone ste ak | | | | | | | SHIFT |
| | | | | | | | | | | C |
| TOTAL PRICE \$ | | | | | | | | | | FEED |
| | | | | | | | | | | PRINT |
| Max 6/15kg Min 40g e=d=2/5g (III) | CLERK1 | | | | | | | | | |

CLERK

⊙ Place an item on the platter and press the CLERK1 key.
This transaction is save to memory.

⊙ Call up a PLU #2.

| | |
|---|----------|
| 2 | PLU ▼ |
|---|----------|

Apple

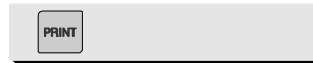
| | | | | | | | | | | |
|--------------------------------------|--------|-------|------------------|-------|--------|-------------------|-------|---------|--|----------------------|
| TARE kg | Meat | Apple | Eggs | Onion | | | | | | FUNCTION |
| ST +0 MET | | | | | | | | | | MENU |
| 0.000 | | | | | | | | | | ZERO |
| QTY | | | | | | | | | | EDIT SKEY |
| 1 | | | | Kiwi | Orange | Premium Ma ngo | Mango | Sirloin | | SHIFT |
| UNIT PRICE \$ | | | T-bone ste ak | | | | | | | C |
| 1.00 | | | | | | | | | | FEED |
| TOTAL PRICE \$ | | | | | | | | | | PRINT |
| 1.00 | | | | | | | | | | |
| Max 6/15kg Min 40g e=d=2/5g (III) | CLERK1 | | | | | | | | | |

LAN P#000002 2014-12-26 15:29:37

⊙ Place an item on the platter and press the V1 key.

This transaction is saved to memory.

- ⓐ Press the PRINT key to complete transaction. Grand total price label is printed and sales data is cleared in memory.



Total \$ 1.42

| TARE kg | Meat | Apple | Eggs | Onion | | | | | | FUNCTION |
|--------------------------------|--------|-------|------------------|-------|--------|-------------------|-------|---------|--|--------------|
| ST +0+ NET | | | | | | | | | | MENU |
| WEIGHT kg | | | | | | | | | | ZERO |
| | | | | Kiwi | Orange | Premium Ma ngo | Mango | Sirloin | | EDIT SKEY |
| UNIT PRICE\$/kg | | | T-bone ste ak | | | | | | | SHIFT |
| | | | | | | | | | | C |
| TOTAL PRICE \$ | | | | | | | | | | FEED |
| | | | | | | | | | | PRINT |
| Max 6/15kg Min 40g e=d=2/5g | CLERK1 | | | | | | | | | |

CLERK

- Note:** - Print mode of floating clerk operation is ticket type as default. If you want to use label type, you have to change setting in menu 1731 of program mode. (See chapter 2.13.3)
- You can set ticket item in menu 1761 of program mode. (See chapter 2.13.6)

3.10 Void

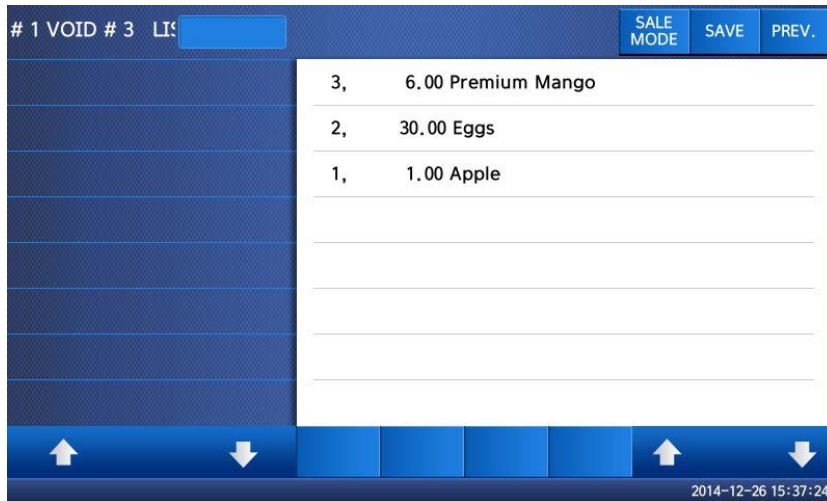
You can press the VOID key to undo transaction in add-up process or floating clerk operation.

Assumption)

You sold several items

- ◆ If there is no PLU or price is zero.

① Press the VOID key, you will see following screen.



② To void an apple, Press the apple

- ◆ If there is same PLU and same price to void

① Call item to void.

② Press VOID key then this sale is cleared.

Voided \$ 30.00

TARE kg

ST
TARE
NET

QTY-PCS

UNIT PRICE \$

TOTAL PRICE \$

Max 6/15kg Min 40g
e=d=2/5g

| | | | | | |
|----------------|------|------|-----------|-----------|--------|
| RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU |
| DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID |
| DISC (-) | 7 | 8 | 9 | PLU | ADD |
| WT/CT | 4 | 5 | 6 | X | PAY |
| MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL |
| MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT |

SPEED KEY

SHIFT

C

FEED

PRINT

CLERK

* If price is not same, void list screen is shown on the display automatically.

3.11 Payment & Change

► Payment

| No | Type |
|----|-------------|
| 0 | Cash |
| 1 | Pin/chip |
| 2 | Check |
| 3 | Credit card |
| 4 | Credit note |
| 5 | Coupon |
| 6 | Bonus point |
| 7 | Credit |

You can use PAY key in the add-up process or floating clerk operation.

EX) Total price : 15.00 \$
 If customer give 6.00 coupon and cash 10.00 \$ to clerk

⊙ Press PAY key when there is subtotal price

The screenshot shows a POS terminal interface. At the top, it displays 'Clerk(1): CLERK' and buttons for 'SALE MODE', 'SAVE', and 'PREV.'. The main display area shows 'SUBTOTAL \$ 15.00', 'Payment 0 Cash', and 'Cash 15.0_'. Below the display is a numeric keypad with various function keys. The keypad includes letters A through Z, symbols like \$, %, (,), ., , CHAR, and function keys like SHIFT, ZERO, TARE, PAGE UP, INSERT, SAVE, PAGE DOWN, DEL, 7, 8, 9, CAPS, 4, 5, 6, ESC, TEST, /, %, (,), ., , CHAR, 1 YES, 2, 3, FEED, 00, 0 NO, C, ENTER, ENTER. The date and time '2014-12-26 15:56:04' are visible at the bottom right of the screen.

④ Enter 6.00

| | | | | | | | | | | | | | |
|-----------------|---|----------|---|---|-------|-------|----------|--------|-------|-----------|------|-------|-----------|
| Clerk(1): CLERK | | | | | | | | | | SALE MODE | SAVE | PREV. | |
| SUBTOTAL | | \$ 15.00 | | | | | | | | | | | |
| Payment | | 5 Coupon | | | | | | | | | | | |
| Coupon | | 6.00 | | | | | | | | | | | |
| A | B | C | D | E | F | G | H | SHIFT | ZERO | TARE | | ▲ | PAGE UP |
| I | J | K | L | M | N | O | P | INSERT | | | ◀ | SAVE | ▶ |
| Q | R | S | T | U | V | W | X | DEL | 7 | 8 | 9 | ▼ | PAGE DOWN |
| Y | Z | \$ | - | ← | SPACE | SPACE | NEW LINE | CAPS | 4 | 5 | 6 | ESC | TEST |
| / | % | (|) | . | , | CHAR | | | 1 YES | 2 | 3 | FEED | |
| À | É | Ì | Ñ | Ò | Û | Ü | | | 00 | 0 NO | C | ENTER | ENTER |

2014-12-26 16:32:52

④ Press PRINT key then you can select payment type again.

⑤ Select Payment type (0 cash) and press PRINT key.

| | | | | | | | | | | | | | |
|-----------------|---|---------|---|---|-------|-------|----------|--------|-------|-----------|------|-------|-----------|
| Clerk(1): CLERK | | | | | | | | | | SALE MODE | SAVE | PREV. | |
| SUBTOTAL | | \$ 9.00 | | | | | | | | | | | |
| Payment | | 0 Cash | | | | | | | | | | | |
| Cash | | 9.00 | | | | | | | | | | | |
| A | B | C | D | E | F | G | H | SHIFT | ZERO | TARE | | ▲ | PAGE UP |
| I | J | K | L | M | N | O | P | INSERT | | | ◀ | SAVE | ▶ |
| Q | R | S | T | U | V | W | X | DEL | 7 | 8 | 9 | ▼ | PAGE DOWN |
| Y | Z | \$ | - | ← | SPACE | SPACE | NEW LINE | CAPS | 4 | 5 | 6 | ESC | TEST |
| / | % | (|) | . | , | CHAR | | | 1 YES | 2 | 3 | FEED | |
| À | É | Ì | Ñ | Ò | Û | Ü | | | 00 | 0 NO | C | ENTER | ENTER |

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© Enter 10.00.

| | | | | | | | | | | | | | |
|-----------------|---|---------|---|---|-------|-------|----------|--------|-------|-----------|------|-------|-----------|
| Clerk(1): CLERK | | | | | | | | | | SALE MODE | SAVE | PREV. | |
| SUBTOTAL | | \$ 9.00 | | | | | | | | | | | |
| Payment | | 0 Cash | | | | | | | | | | | |
| Cash | | 10.00 | | | | | | | | | | | |
| A | B | C | D | E | F | G | H | SHIFT | ZERO | TARE | | ▲ | PAGE UP |
| I | J | K | L | M | N | O | P | INSERT | | | ◀ | SAVE | ▶ |
| Q | R | S | T | U | V | W | X | DEL | 7 | 8 | 9 | ▼ | PAGE DOWN |
| Y | Z | \$ | - | ← | SPACE | SPACE | NEW LINE | CAPS | 4 | 5 | 6 | ESC | TEST |
| / | % | (|) | . | , | CHAR | | | 1 YES | 2 | 3 | FEED | |
| À | É | Ì | Ñ | Ò | Û | Ü | | | 00 | 0 NO | C | ENTER | ENTER |

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© Press PRINT key. The label is issued.
 * Total price, receive and change is printed.

| | | | | | | | | | | | | | |
|-----------------|---|----------|---|---|-------|-------|----------|--------|-------|-----------|------|-------|-----------|
| Clerk(1): CLERK | | | | | | | | | | SALE MODE | SAVE | PREV. | |
| SUBTOTAL | | \$ 9.00 | | | | | | | | | | | |
| RECEIVE | | \$ 16.00 | | | | | | | | | | | |
| CHANGE | | \$ 1.00 | | | | | | | | | | | |
| A | B | C | D | E | F | G | H | SHIFT | ZERO | TARE | | ▲ | PAGE UP |
| I | J | K | L | M | N | O | P | INSERT | | | ◀ | SAVE | ▶ |
| Q | R | S | T | U | V | W | X | DEL | 7 | 8 | 9 | ▼ | PAGE DOWN |
| Y | Z | \$ | - | ← | SPACE | SPACE | NEW LINE | CAPS | 4 | 5 | 6 | ESC | TEST |
| / | % | (|) | . | , | CHAR | | | 1 YES | 2 | 3 | FEED | |
| À | É | Ì | Ñ | Ò | Û | Ü | | | 00 | 0 NO | C | ENTER | ENTER |

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Note: - You can set print item in menu 1760 of program mode. (See chapter 2.13.6)
 - If there is credit sales, a receipt is printed additionally.

3.12 Return

The RETURN key is used to delete erroneous sale transactions. You can use the RETURN key to undo erroneous sales transactions like pressing the PRINT key inadvertently, selecting and printing the wrong PLU, an inadvertent Auto-Print in Pre-Pack mode, or perhaps adjusting the sales totals for a damaged or ruined package. Whatever the reason, the RETURN function will decrement returned PLU s transaction counter and sales totals by the specified amount.

You need to call-up the PLU that you wish to return by either pressing its corresponding speed key or typing its number.

- ◆ When the price is zero,
 - 0) By weight PLU : You need to enter the total price and weight that was printed on the return PLU s label
 - 1) By count PLU: You need to enter the total price and quantity that was printed on the return PLU s label
- ◆ When the price is higher than zero,
Return function is performed by pressing RETURN key

Note: - If you set Shift key instead return key to "Y" in menu 1873 of program mode, you cannot use return function. (See chapter 2.14.21)
- If parameter 596 X/Z Report is not set, this function will not operated.

3.13 Prepack Key

Pre-Pack mode, it prints labels automatically. When it is in MANUAL mode, you must press the PRINT key (or ADD key) to get a label. In Pre-Pack mode, you can not select AUTO mode. Pre-Pack works like AUTO and SAVE mode except that the weight does not need to return to zero for every auto-print.

Pre-pack mode is very useful in backyard applications. This mode increases productivity by not requiring the user to press the PRINT key for every package. Instead the user can concentrate on weighing, wrapping, and labeling

This function is only available for by-weight PLU.

- how to use prepack mode
if you use Prepack mode without total function.
- same as current operating way
(put the item on the platter and then print automatically)
when you use the total function at Prepack Mode
 - 1) when total function starts, press [ADD] key (at Prepack Mode)
 - 2) on the display. [Summation ON] will appear for about 3 seconds.
 - 3) call up PLU and then place a item.
 - 4) each label will be automatically prints and will make a total.
 - 5) repeat 3)~4).
 - 6) when you press [ST/TTL] key, the total will be displayed.
 - 7) to print the Sub Total, press [PRINT] key.
 - 8) repeat 3)~7).
 - 9) to print Grand Total Label, press [ST/TTL].
(this case at there should be no sub-total remains, then press [ST/TTL] key)
 - 10) Grand Total Label will be printed.
 - 11) after complete the total function, press [ADD] key.
 - 12) on the Display, [Summation OFF] will be appear for about 3 second.
- Printing item
when you make a total with other items
- Printing item : (before) Total Price, Transaction No, Void Price, Void Count,
(added) Total Weight, Total Quantity etc.
- when you make a total with only one item
- Printing item : (before) Total Price, Transaction No, Void Price, Void Count,
(added) Total Weight, Total Quantity, Dept No, Dept Name
PLU Name, Item Code, PLU No, Dept No, Cook By Date
Sell By Date/Time, Packed On Date/Time, Produced Date etc

EXAMPLE:

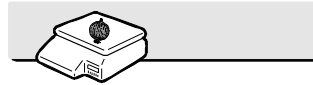
Speed key #1= Onion Unit price=1.50, Sales Weight=1.0kg,

- ① Press FUNCTION key and press PREPACK key and call up a PLU



* User may call up a PLU by pressing speed key or numeric key. Please refer to Menu code 1160.

- ② Place the item(s) on the platter.



- ③ Label is issued automatically.



- ④ Remove the item(s) from the platter.



Note: - If the scale is in Prepack mode then it will always auto-print if the Total price is greater than 0.00 and:

1. The weight deviates by an amount greater than or equal to the Parameter 862 setting (Min. weight for sale) and the weight stabilizes at a weight greater than zero.
2. The weight deviates by an amount greater than or equal to the Parameter 861 setting (Auto threshold) and the weight stabilizes at a weight greater than zero.

3.14 X Key

The X key is used to print multiple transactions for the same PLU. The X key operation is called the Multi-Label function.

3.14.1 By-Weight PLU

Note: If you want to use X key for by-weight PLU, you must set Parameter 582, Use "X" key (by WT.)., If you set scale to floating clerk mode, it will not work.

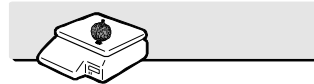
EXAMPLE:

Speed key #4= "Onion" preset key, Unit price=1.50, Sales Weight=1.0kg,

- Call up a PLU

* You can call up a PLU by pressing speed key key or numeric key. Please refer to chapter 3.4 for details.

- Place the item(s) on the platter.



| Onion | | | | | | | | | | |
|-------------------------------------|----|--------|-------|------------------|-------|--------|-------------------|-------|---------|--------------|
| TARE | kg | Meat | Apple | Eggs | Onion | | | | | FUNCTION |
| 0.000 | | | | | | | | | | MENU |
| WEIGHT | kg | | | | | | | | | ZERO |
| 1.000 | | | | | Kiwi | Orange | Premium Ma ngo | Mango | Sirloin | EDIT SKEY |
| UNIT PRICE\$/kg | | | | T-bone ste ak | | | | | | SHIFT |
| 1.50 | | | | | | | | | | C |
| TOTAL PRICE \$ | | | | | | | | | | FEED |
| 1.50 | | | | | | | | | | PRINT |
| Max 6/15kg Min 40g e=d=2/5g (11) | | CLERK1 | | | | | | | | |

- Press "FUNCTION" key, "X" key and Type the number of labels you require and press the PRINT key.

Onion X 000 LABELS

| | | | | | | | |
|-----------------|-------|----------------|------|------|-----------|-----------|--------|
| TARE kg | 0.000 | | | | | SPEED KEY | |
| WEIGHT kg | 1.000 | RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU |
| UNIT PRICE\$/kg | 1.50 | DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID |
| TOTAL PRICE \$ | 1.50 | DISC (-) | 7 | 8 | 9 | PLU | ADD |
| | | WT/CT | 4 | 5 | 6 | X | PAY |
| | | MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL |
| | | MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT |

Max 6/15kg Min 40g e=d=2/5g

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⊙ Remove the item(s) from the platter.

Note: - If you set "Label Prt. w.o Rewind (X Key)" to "Y" in menu 1872 of program mode, the scale does not check peel-off, so you have to press FEED key after printing is done. (See chapter 2.14.21)

- If you set "Use double print(AUTO)" to "Y" in menu 1872 of program mode, you will have two same labels in auto mode.

- If you set 2nd label in PLU programming, 2nd label is issued automatically.

3.14.2 Non-Weighed PLU

You can use X key for by Count, By PCS PLU without any setting. The way of using X key is same as by-weight PLU except weighing item.

3.15 How to Change Sell By Date/Time

- ⊙ Call up a PLU

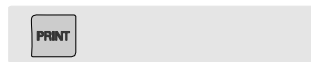


- ⊙ Press EDIT SELL key to enter both of effective date and time.

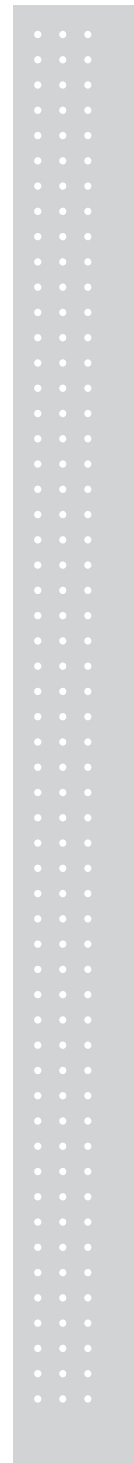


| PROGRAM MODE | CHANGE SELL DATE | SALE MODE | SAVE | PREV. |
|--------------|------------------|-----------|------|-------|
| Sell By Date | 0 | | | |
| Sell By Time | 0 | | | |
| | | | | |

- ⊙ Press PRINT key to complete saving.



Note: - To use EDIT SELL key, you have to set this key in menu 1880 of program mode. (See chapter 2.14.8)




3.16 How to Change Origin

- ① Call up a PLU



A rectangular button with the text "ONION" inside.

- ② Press ORIGIN key to retrieve one of origin data saved.



A rectangular button with the text "Origin" inside.

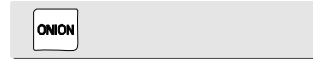
| PROGRAM MODE | CHANGE ORIGIN | SALE MODE | SAVE | PREV. |
|--------------|---------------|-----------|------|-------|
| Origin No. | - | | | USA |
| | | | | |
| | | | | |

Note: - To use ORIGIN key, you have to set this key in menu 1880 of program mode. (See chapter 2.14.8)

3.17 How to Change PLU Type

Note: If you set “Save Type change” to “Y” in menu 1873 of program mode, changed PLU type is saved. (See chapter 2.14.7)

- Press “FUNCTION” key and Press “WT/CT” key to change PLU type from By-weight to By-count PLU or vice versa.



Onion

TARE kg
ST
+0+
NET 0.000

QTY
1

UNIT PRICE \$
1.50

TOTAL PRICE \$
1.50

Max 6/15kg Min 40g
e=d=2/5g

| | | | | | |
|----------------|------|------|-----------|-----------|--------|
| RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU |
| DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID |
| DISC (-) | 7 | 8 | 9 | PLU | ADD |
| WT/CT | 4 | 5 | 6 | X | PAY |
| MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL |
| MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT |

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- ☞ If you change by-Weight PLU to by-count PLU, quantity is set 1 and unit price is same.
- ☞ If you change by-count PLU to by-weight PLU, unit price is same.
- ☞ If there is discount information on PLU, you can not change PLU type.

3.18 Direct Discount

If there is no discount information in PLU, you can use this function.

3.18.1 Fixed Price Key

⊙ Call up a PLU # 1 and press “Fixed Price” key.

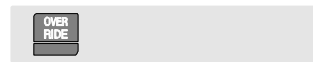


Meat

| | | | | | | | | | | |
|--|-----------|-----------------|------------------|-------|------|--------|-------------------|-------|---------|----------------------|
| TARE kg ST +0+ NET 0.000 | Meat | Apple | Eggs | Onion | | | | | | FUNCTION |
| WEIGHT kg FP | | | | | | | | | | MENU |
| UNIT PRICE\$/kg | | | | | Kiwi | Orange | Premium Ma ngo | Mango | Sirloin | ZERO |
| TOTAL PRICE \$ 1.99 | | | T-bone ste ak | | | | | | | EDIT SKEY |
| Max 6/15kg Min 40g e=d=2/5g (II) | EDIT SELL | EDIT ORIGI N | FIXED PRIC E | | | | | | | SHIFT |
| | CLERK1 | | | | | | | | | C |
| | | | | | | | | | | FEED |
| | | | | | | | | | | PRINT |

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⊙ Press “FUNCTION”key and press “Override Key”



⊙ Type fixed price 2.00 than press PRINT key



Meat

TARE kg
ST
+0-
NET 0.000

WEIGHT kg
FP

UNIT PRICE\$/kg

TOTAL PRICE \$
2.00

Max 6/15kg Min 40g
e=d=2/5g

| | | | | | |
|----------------|------|------|-----------|-----------|--------|
| RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU |
| DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID |
| DISC (-) | 7 | 8 | 9 | PLU | ADD |
| WT/CT | 4 | 5 | 6 | X | PAY |
| MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL |
| MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT |

SPEED KEY

SHIFT

C

FEED

PRINT

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Note: - To use Fixed Price Key, you have to set this key in menu 1880 of program mode. (See chapter 2.14.8)

3.18.2 % Discount Price Key

- ① Call up a PLU(#1.Meat) and press “%Discount” key



Meat DISCOUNT (%) : _

| | | | | | | | | |
|--------------------------------|------------------|-------|----------------|------|------|-----------|-----------|--------|
| TARE kg | ST +0- NET | 0.000 | | | | SPEED KEY | | |
| WEIGHT kg | | 0.000 | RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU |
| UNIT PRICE\$/kg | | 1.99 | DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID |
| TOTAL PRICE \$ | | 0.00 | DISC (-) | 7 | 8 | 9 | PLU | ADD |
| Max 6/15kg Min 40g e=d=2/5g | | | WT/CT | 4 | 5 | 6 | X | PAY |
| | | | MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL |
| | | | MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT |

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- ② Enter % amount to discount and press PRINT key
Ex) 20%



Meat DISCOUNT (%) : 20

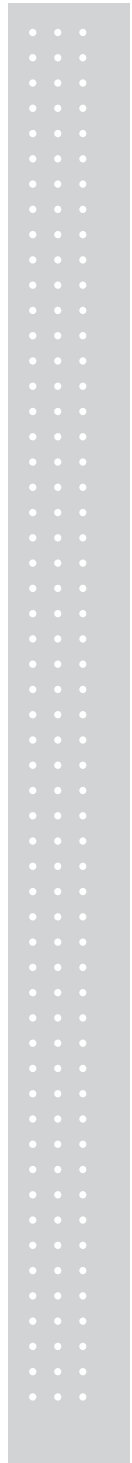
| | | | | | | | | |
|--------------------------------|------------------|-------|----------------|------|------|-----------|-----------|--------|
| TARE kg | ST +0- NET | 0.000 | | | | SPEED KEY | | |
| WEIGHT kg | | 0.210 | RETURN | ZERO | TARE | OVER RIDE | DATE TIME | MENU |
| UNIT PRICE\$/kg | | 1.59 | DISC (%) | FOR | AUTO | PRE PACK | SAVE | VOID |
| TOTAL PRICE \$ | | 0.33 | DISC (-) | 7 | 8 | 9 | PLU | ADD |
| Max 6/15kg Min 40g e=d=2/5g | | | WT/CT | 4 | 5 | 6 | X | PAY |
| | | | MISC. WEIGHED | 1 | 2 | 3 | FEED | ST TTL |
| | | | MISC. BY COUNT | 00 | 0 | C | PRINT | PRINT |

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- ③ Place item on the platter and press PRINT key.



Note: - To use % DISCOUNT key, you have to set this key in menu 1880 of program mode. (See chapter 2.14.8)



3.19 PLU Connection

3.19.1 Referenced PLU Function

If you press REFERENCE key(Function key#:9) after calling up a PLU which has reference information, reference will be shown on the display.

- ◆ To use this function, you have to set reference department and reference PLU when you create PLU.

3.19.2 Coupled PLU Function

Automatically coupled PLU is called up after transaction.
You can use this function when you sell two or more items as package.
(Does not operate in SAVE and PREPACK modes)

- ◆ To use this function, you have to set reference department and reference PLU when you create PLU.

3.19.3 Link PLU Function

Note: Operates only in the ticket mode.(Does not operate in PREPACK and AUTO modes)

When purchasing a product, it automatically purchases another product additionally

- When the Linked PLU type is weight, purchasing is made in accordance with weight

When the Linked PLU type is count, it sells 1 unit

- ◆ To use this function, you have to set Linked department and Linked PLU when you create PLU.

3.20 Sales Operation Control Parameters

3.20.1 Fixed Weight

- You can set fixed weight when you create PLU
If you call up this PLU, the weight is not changed.
- You can use IN WEIGHT key.
Call up a PLU and enter a fixed weight by using OVERRIDE key and press IN WEIGHT key.

3.20.2 Prepack Without Report

The transaction data is not added to report while using prepack mode.

- You have to set Parameter 597(Prepack report) to use this function. Also, Parameter 596 should be set to Y

APPENDIX

1. Label Format

There are fixed label format and user label format

| | Fixed Label Format | User Label Format |
|----------|-------------------------|--|
| No. | 1~50 | 51~99 |
| Quantity | 45 | 20 |
| Method | Built in CL5000 | Download from PC |
| Features | You cannot edit format. | Using the PC program, you can program format numbers 51 to 99. In ticket mode, it is available to use Head/Tail format. |

► Fixed Label Format

| No | Name | Width(mm) | Length(mm) | No | Name | Width(mm) | Length(mm) |
|----|--------------|-----------|------------|----|--------------|-----------|------------|
| 1 | IS6030-00001 | 60 | 30 | 17 | IS5653-00017 | 56 | 53 |
| 2 | IS6030-00002 | 60 | 30 | 18 | IS5054-00018 | 50 | 54 |
| 3 | IS6030-00003 | 60 | 30 | 19 | IS5054-00019 | 50 | 54 |
| 4 | IS5635-00004 | 56 | 35 | 20 | IS6051-00020 | 60 | 51 |
| 5 | IS5635-00005 | 56 | 35 | 21 | IS6051-00021 | 60 | 51 |
| 6 | IS5635-00006 | 56 | 35 | 22 | IS6060-00022 | 60 | 60 |
| 7 | IS6040-00007 | 60 | 40 | 23 | IS6060-00023 | 60 | 60 |
| 8 | IS6040-00008 | 60 | 40 | 24 | IS5068-00024 | 50 | 68 |
| 9 | IS6040-00009 | 60 | 40 | 25 | IS5068-00025 | 50 | 68 |
| 10 | IS6040-00010 | 60 | 40 | 26 | IS5068-00026 | 50 | 68 |
| 11 | IS6040-00011 | 60 | 40 | 27 | IS6063-00027 | 60 | 63 |
| 12 | IS6040-00012 | 60 | 40 | 28 | IS6063-00028 | 60 | 63 |
| 13 | IS5040-00013 | 50 | 40 | 29 | IC6040-00029 | 60 | 40 |
| 14 | IS5040-00014 | 50 | 40 | 30 | IC6040-00030 | 60 | 40 |
| 15 | IS5040-00015 | 50 | 40 | 31 | IS6040-KR001 | 60 | 40 |
| 16 | IS5653-00016 | 56 | 53 | 32 | IS6030-KR002 | 60 | 30 |

| No | Name | Width(mm) | Length(mm) | No | Name | Width(mm) | Length(mm) |
|----|--------------|-----------|------------|----|--------------|-----------|------------|
| 33 | IS6032-KR003 | 60 | 32 | 40 | IS6040-KR010 | 60 | 40 |
| 34 | IS6060-KR004 | 60 | 60 | 41 | IS6040-KR011 | 60 | 40 |
| 35 | IS6032-KR005 | 60 | 32 | 42 | IS6045-KR012 | 60 | 45 |
| 36 | IS6042-KR006 | 60 | 42 | 43 | IS6044-KR013 | 60 | 44 |
| 37 | IS6045-KR007 | 60 | 45 | 44 | IS6055-KR014 | 60 | 55 |
| 38 | IS6050-KR008 | 60 | 50 | 45 | IS6060-KR015 | 60 | 60 |
| 39 | IS6045-KR009 | 60 | 45 | | | | |

1.1 Label Format Sample

1

| | | | |
|---|----------|--------|--------------|
| SWEETENED CONDENSED MILK <VERY SWEET and STICKY> | | | |
| Tare(kg): 0.100 | | | |
| 20.11.05 | 26.11.05 | 1.216 | 32.00 |
| PACKED ON | SELL BY | WEIGHT | UNIT PRICE |
| | | | 38.91 |
| | | | PRICE |
| CAS CORPORATION +82-31-820-1100 #19 Ganap-ri Gwangjuk-myun | | | |

2

| | | | |
|--|----------|--------|--------------|
| SWEETENED CONDENSED MILK <VERY SWEET and STICKY> | | | |
| Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the | | | |
| Tare(kg): 0.100 | | | |
| 20.11.05 | 26.11.05 | 1.216 | 32.00 |
| PACKED ON | SELL BY | WEIGHT | UNIT PRICE |
| | | | 38.91 |
| | | | PRICE |
| CAS CORPORATION +82-31-820-1100 #19 Ganap-ri Gwangjuk-myun | | | |

3

| | | | |
|--|----------|--------|--------------|
| SWEETENED CONDENSED MILK | | | |
| Tare(kg): 0.100 | | | |
| 20.11.05 | 26.11.05 | 1.216 | 32.00 |
| PACKED ON | SELL BY | WEIGHT | UNIT PRICE |
| | | | 38.91 |
| | | | PRICE |
| CAS CORPORATION +82-31-820-1100 #19 Ganap-ri Gwangjuk-myun | | | |

4

| | | | |
|--|-----------|------------------------|--|
| SWEETENED CONDENSED MILK <VERY SWEET and STICKY> | | | |
| Whole milk that had 60% of the water remove and | | | |
| SELL BY | \$kg | TOTAL PRICE(\$) | |
| 26.11.05 | 32.00 | 38.91 | |
| PACKED ON | NET WT.kg | | |
| 20.11.05 | 1.216 | | |
| Thank You CAS CORPORATION +82-31-820-1100 #19 Ganap-ri Gwangjuk-myun | | | |

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| | | | |
|---|-----------|------------------------|--|
| SWEETENED CONDENSED MILK | | | |
| Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks online. It is very | | | |
| SELL BY | \$kg | TOTAL PRICE(\$) | |
| 26.11.05 | 32.00 | 38.91 | |
| PACKED ON | NET WT.kg | | |
| 20.11.05 | 1.216 | | |
| Thank You CAS CORPORATION +82-31-820-1100 #19 Ganap-ri Gwangjuk-myun | | | |

6

| | | | |
|--|-----------|------------------------|--|
| SWEETENED CONDENSED MILK | | | |
| Whole milk that had 60% of the water remove and | | | |
| SELL BY | \$kg | TOTAL PRICE(\$) | |
| 26.11.05 | 32.00 | 38.91 | |
| PACKED ON | NET WT.kg | | |
| 20.11.05 | 1.216 | | |
| Thank You CAS CORPORATION +82-31-820-1100 #19 Ganap-ri Gwangjuk-myun | | | |

7

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

UNIT PRICE \$/kg WEIGHT kg
 32.00 1.216

0 102007 038915
 Tare(kg): 0.100
 20.11.05 26.11.05
38.91
 PACKED ON SELL BY TOTAL PRICE \$

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-ri Gwangjuk-myun

8

SWEETENED CONDENSED MILK
 Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the

UNIT PRICE \$/kg WEIGHT kg
 32.00 1.216

0 102008 038914
 Tare(kg): 0.100
 20.11.05 26.11.05
38.91
 PACKED ON SELL BY TOTAL PRICE \$

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-ri Gwangjuk-myun

9

SWEETENED CONDENSED MILK

UNIT PRICE \$/kg WEIGHT kg
 32.00 1.216

0 102009 038913
 Tare(kg): 0.100
 20.11.05 26.11.05
38.91
 PACKED ON SELL BY TOTAL PRICE \$

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-ri Gwangjuk-myun

10

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

PACKED ON SELL BY WEIGHT
 20.11.05 26.11.05 1.216

UNIT PRICE PRICE
 32.00 **38.91**

0 102010 038919
 Tare(kg): 0.100

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-ri Gwangjuk-myun

11

SWEETENED CONDENSED MILK
 Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the

PACKED ON SELL BY WEIGHT
 20.11.05 26.11.05 1.216

UNIT PRICE PRICE
 32.00 **38.91**

0 102011 038918
 Tare(kg): 0.100

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-ri Gwangjuk-myun

12

SWEETENED CONDENSED MILK

PACKED ON SELL BY WEIGHT
 20.11.05 26.11.05 1.216

UNIT PRICE PRICE
 32.00 **38.91**

0 102012 038917
 Tare(kg): 0.100

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-ri Gwangjuk-myun

13

SWEETENED CONDENSED
<VERY SWEET and STICKY>

PACKED ON 20.11.05
 SELL BY 26.11.05

Tare(kg): 0.100

1.216 32.00 **38.91**
 NET WT. (kg) PRICE / kg (\$) TOTAL PRICE (\$)

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-ri

14

SWEETENED CONDENSED
 Whole milk that had 60% of the water remove and sugar added. The amount of sugar added

PACKED ON 20.11.05
 SELL BY 26.11.05

Tare(kg): 0.100

1.216 32.00 **38.91**
 NET WT. (kg) PRICE / kg (\$) TOTAL PRICE (\$)

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-ri

SWEETENED CONDENSED

PACKED ON 20.11.05
SELL BY 26.11.05

0 102015 038914
Tare (kg) : 0.100

1,216 32,00 38,91

NET WT. kg PRICE / kg \$ TOTAL PRICE \$

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri

15

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a

PACKED ON 20.11.05
SELL BY 26.11.05

0 102016 038913
Tare (kg) : 0.100

1,216 32,00 38,91

NET WT. kg PRICE / kg \$ TOTAL PRICE \$

Thank you
CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

16

SWEETENED CONDENSED MILK

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a

PACKED ON 20.11.05
SELL BY 26.11.05

0 102017 038912
Tare (kg) : 0.100

1,216 32,00 38,91

NET WT. kg PRICE / kg \$ TOTAL PRICE \$

Thank you
CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

17

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a

PACKED ON 20.11.05
SELL BY 26.11.05

0 102018 038911
Tare (kg) : 0.100

1,216 32,00 38,91

NET WT. kg PRICE / kg \$ TOTAL PRICE \$

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri

18

SWEETENED CONDENSED

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a

PACKED ON 20.11.05
SELL BY 26.11.05

0 102019 038910
Tare (kg) : 0.100

1,216 32,00 38,91

NET WT. kg PRICE / kg \$ TOTAL PRICE \$

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri

19

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to.

PACKED ON 20.11.05
SELL BY 26.11.05

0 102020 038916
Tare (kg) : 0.100

1,216 32,00 38,91

NET WT. kg PRICE / kg \$ TOTAL PRICE \$

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

20

SWEETENED CONDENSED MILK

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to.

| | |
|-----------|----------|
| PACKED ON | 20.11.05 |
| SELL BY | 26.11.05 |

0 102021 038913

| | | | | | |
|--------------|-------|----------------|-------|-----------------|-------|
| NET WT. (kg) | 1.216 | PRICE / kg (₩) | 32.00 | TOTAL PRICE (₩) | 38.91 |
|--------------|-------|----------------|-------|-----------------|-------|

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

21

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heate

| | | | | | |
|-----------|----------|---------|----------|--------|-------|
| PACKED ON | 20.11.05 | SELL BY | 26.11.05 | WEIGHT | 1.216 |
| | | | | 22 | |

0 102022 038914

| | | | | | |
|------------|-------|-------|-------|-------------|-------|
| UNIT PRICE | 0.100 | PRICE | 32.00 | TOTAL PRICE | 38.91 |
|------------|-------|-------|-------|-------------|-------|

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

22

SWEETENED CONDENSED MILK

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heate

| | | | | | |
|-----------|----------|---------|----------|--------|-------|
| PACKED ON | 20.11.05 | SELL BY | 26.11.05 | WEIGHT | 1.216 |
| | | | | 23 | |

0 102023 038913

| | | | | | |
|------------|-------|-------|-------|-------------|-------|
| UNIT PRICE | 0.100 | PRICE | 32.00 | TOTAL PRICE | 38.91 |
|------------|-------|-------|-------|-------------|-------|

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri Gwangjuk-myun

23

SWEETENED CONDENSED
<VERY SWEET and STICKY>

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heate

| | |
|-----------|----------|
| PACKED ON | 20.11.05 |
| SELL BY | 26.11.05 |

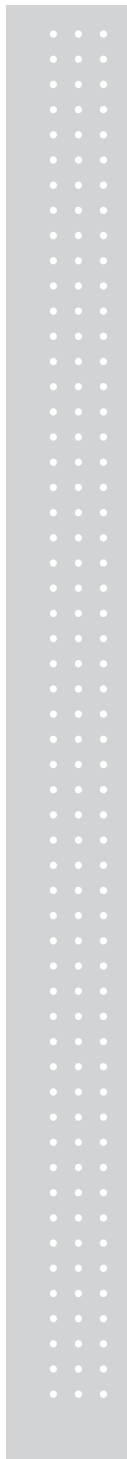
0 102024 038912

Tan (kg): 0.100

| | | | | | |
|--------------|-------|----------------|-------|-----------------|-------|
| NET WT. (kg) | 1.216 | PRICE / kg (₩) | 32.00 | TOTAL PRICE (₩) | 38.91 |
|--------------|-------|----------------|-------|-----------------|-------|

CAS CORPORATION
+82-31-820-1100
#19 Ganap-ri

24



25

SWEETENED CONDENSED

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heated.

PACKED ON 20.11.05
SELL BY 26.11.05

0 102025 038911
Tm(kg): 0.100

1.216 32.00 38.91

NET WT. (kg) PRICE/kg (€) TOTAL PRICE (€)

CAS CORPORATION
+82-31-820-1100
#19 Ganap-r'i

26

**SWEETENED CONDENSED
<VERY SWEET and STICKY>**

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heated.

PACKED ON 20.11.05
SELL BY 26.11.05

0 102026 038910
Tm(kg): 0.100

1.216 32.00 38.91

NET WT. (kg) PRICE/kg (€) TOTAL PRICE (€)

CAS CORPORATION
+82-31-820-1100
#19 Ganap-r'i

27

**SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>**

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heated.

PACKED ON 20.11.05
SELL BY 26.11.05

0 102027 038919

1.216 32.00 38.91

NET WT. (kg) PRICE/kg (€) TOTAL PRICE (€)

CAS CORPORATION
+82-31-820-1100
#19 Ganap-r'i Guangjuk-myun

28

SWEETENED CONDENSED MILK

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heated.

PACKED ON 20.11.05
SELL BY 26.11.05

0 102028 038918

1.216 32.00 38.91

NET WT. (kg) PRICE/kg (€) TOTAL PRICE (€)

CAS CORPORATION
+82-31-820-1100
#19 Ganap-r'i Guangjuk-myun

29

TOTAL

20.11.05 16:49 TRANSACTION 5

0 100000 200964

TOTAL PRICE € 200.96

CAS CORPORATION
+82-31-820-1100
#19 Ganap-r'i Guangjuk-myun

30

**SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>**

Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes on a caramel like flavor when heated. It is also thickens as it is heated.

00124
PACKED ON 20.11.05 16:32 SELL BY 26.11.05 16:32
WT kg 1.216
PRICE €/kg 32.00 TOTAL PRICE € 38.91

0 102030 038913

CAS CORPORATION
+82-31-820-1100 #19 Ganap-r'i Guangjuk-myun Yangju-gun

31

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

| | |
|------------|--------|
| UNIT PRICE | WEIGHT |
| 32.00 | 1.216 |
| 31 | |
| 38.91 | |

0 102031 038912

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | TOTAL PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-r'i Gwangjuk-myun

32

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

| | |
|------------|--------|
| UNIT PRICE | WEIGHT |
| 32.00 | 1.216 |
| 32 | |
| 38.91 | |

0 102034 038910

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | WEIGHT | UNIT PRICE | PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-r'i Gwangjuk-myun

33

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

| | |
|------------|--------|
| UNIT PRICE | WEIGHT |
| 32.00 | 1.216 |
| 33 | |
| 38.91 | |

0 102033 038910

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | TOTAL PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-r'i Gwangjuk-myun

34

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

Whole milk that had 60% of the water remove and sugar ad ded. The amount of sugar added makes up 40% of the sweet ened condensed milks volume. It is very sweet and sticky and adds a richness to the foods It is added to. It is u sed to make candies, bars, pies, and puddings. Sweetened

| | |
|------------|--------|
| UNIT PRICE | WEIGHT |
| 32.00 | 1.216 |
| 34 | |
| 38.91 | |

0 102034 038910

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | WEIGHT | UNIT PRICE | PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-r'i Gwangjuk-myun

35

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

| | |
|------------|--------|
| UNIT PRICE | WEIGHT |
| 32.00 | 1.216 |
| 35 | |
| 38.91 | |

0 102035 038918

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | TOTAL PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-r'i Gwangjuk-myun

36

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

| | |
|------------|--------|
| UNIT PRICE | WEIGHT |
| 32.00 | 1.216 |
| 36 | |
| 38.91 | |

0 102036 038917

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | TOTAL PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-r'i Gwangjuk-myun

37

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

| | |
|------------|--------|
| UNIT PRICE | WEIGHT |
| 32.00 | 1.216 |
| 37 | |
| 38.91 | |

0 12037003891003200

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | TOTAL PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-r'i Gwangjuk-myun

38

SWEETENED CONDENSED MILK
<VERY SWEET and STICKY>

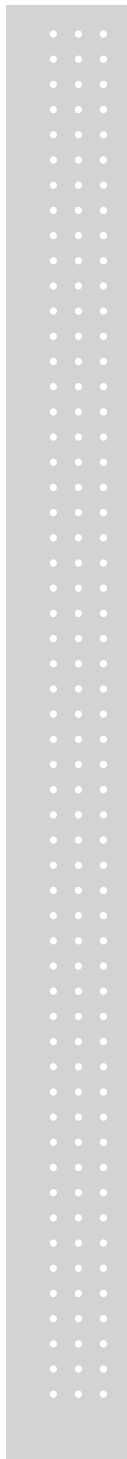
| | |
|------------|--------|
| UNIT PRICE | WEIGHT |
| 32.00 | 1.216 |
| 38 | |
| 38.91 | |

0 12038003891003200

20.11.05 16:32 26.11.05 16:32

PACKED ON | SELL BY | TOTAL PRICE

CAS CORPORATION
+82-31-820-1100
#19 Ganap-r'i Gwangjuk-myun



SWEETENED CONDENSED MILK
 <VERY SWEET and STICKY>

UNIT PRICE 32.00 WEIGHT 1.216

0 102039 038914 39

20.11.05 16:32 26.11.05 16:32

PACKED ON SELL BY TOTAL PRICE

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-r'i Guangjuk-myun

38.91

39

SWEETENED CONDENSED MILK
 Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the

UNIT PRICE 32.00 WEIGHT 1.216

0 102040 038910 40

20.11.05 16:32 26.11.05 16:32

PACKED ON SELL BY TOTAL PRICE

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-r'i Guangjuk-myun

38.91

40

SWEETENED CONDENSED MILK
 Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and

UNIT PRICE 32.00 WEIGHT 1.216

0 102041 038919 41

20.11.05 16:32 26.11.05 16:32

PACKED ON SELL BY TOTAL PRICE

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-r'i Guangjuk-myun

38.91

41

SWEETENED CONDENSED MILK
 <VERY SWEET and STICKY>
 Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the

UNIT PRICE 32.00 WEIGHT 1.216

0 102042 038918 42

20.11.05 16:32 26.11.05 16:32

PACKED ON SELL BY TOTAL PRICE

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-r'i Guangjuk-myun

38.91

42

SWEETENED CONDENSED MILK
 <VERY SWEET and STICKY>
 Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the

| PACKED ON | SELL BY | UNIT PRICE | WEIGHT |
|-----------|----------|------------|--------|
| 20.11.05 | 26.11.05 | 32.00 | 1.216 |
| | | 16:32 | 43 |

0 102043 038917

PRICE **38.91**

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-r'i Guangjuk-myun

43

SWEETENED CONDENSED MILK
 Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to.

| PACKED ON | SELL BY | UNIT PRICE | WEIGHT |
|-----------|----------|------------|--------|
| 20.11.05 | 26.11.05 | 32.00 | 1.216 |
| | | 16:32 | 44 |

0 102044 038916

PRICE **38.91**

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-r'i Guangjuk-myun

44

SWEETENED CONDENSED MILK
 Whole milk that had 60% of the water remove and sugar added. The amount of sugar added makes up 40% of the sweetened condensed milks volume. It is very sweet and sticky and adds a richness to the foods it is added to. It is used to make candies, bars, pies, and puddings. Sweetened condensed milk turns a golden color and takes

| PACKED ON | SELL BY | UNIT PRICE | WEIGHT |
|-----------|----------|------------|--------|
| 20.11.05 | 26.11.05 | 32.00 | 1.216 |
| | | 16:32 | 45 |

0 102045 038915

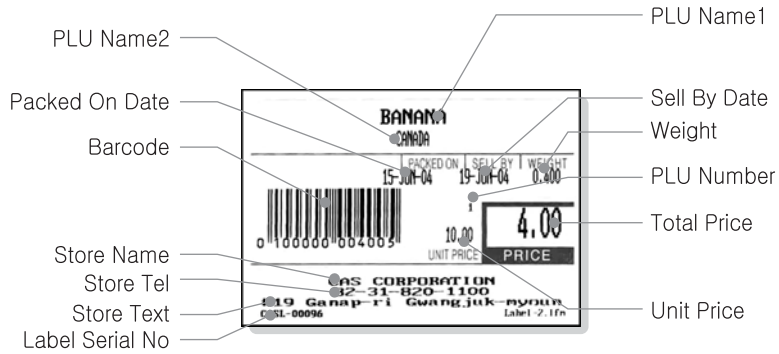
PRICE **38.91**

CAS CORPORATION
 +82-31-820-1100
 #19 Ganap-r'i Guangjuk-myun

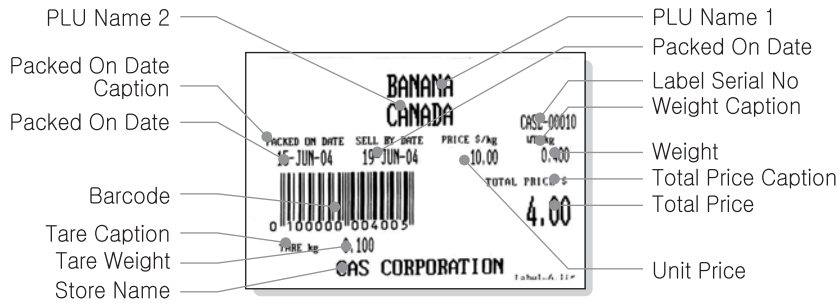
45

1.2 Label Format's field Sample

► (1) Label sample 1



► (2) Label sample 2



2. ASCII Code Table

► Microsoft Window Codepage 1252

| | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 0A | 0B | 0C | 0D | 0E | 0F |
|----|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|------------|------------|------------|-------------|
| 00 | NUL 0000 | STX 0001 | SOT 0002 | ETX 0003 | EOT 0004 | EMQ 0005 | ACK 0006 | BEL 0007 | BS 0008 | HT 0009 | LF 000A | VT 000B | FF 000C | CR 000D | SO 000E | SI 000F |
| 10 | DLE 0010 | DC1 0011 | DC2 0012 | DC3 0013 | DC4 0014 | NAK 0015 | SYN 0016 | ETB 0017 | CAN 0018 | EM 0019 | SUB 001A | ESC 001B | FS 001C | GS 001D | RS 001E | US 001F |
| 20 | SP 0020 | ! | " | # | \$ | % | & | ' | (|) | * | + | , | - | . | / |
| 30 | 0 0030 | 1 0031 | 2 0032 | 3 0033 | 4 0034 | 5 0035 | 6 0036 | 7 0037 | 8 0038 | 9 0039 | : | ; | < | = | > | ? |
| 40 | @ 0040 | A 0041 | B 0042 | C 0043 | D 0044 | E 0045 | F 0046 | G 0047 | H 0048 | I 0049 | J 004A | K 004B | L 004C | M 004D | N 004E | O 004F |
| 50 | P 0050 | Q 0051 | R 0052 | S 0053 | T 0054 | U 0055 | V 0056 | W 0057 | X 0058 | Y 0059 | Z 005A | [005B | \ 005C |] 005D | ^ 005E | _ 005F |
| 60 | ` 0060 | a 0061 | b 0062 | c 0063 | d 0064 | e 0065 | f 0066 | g 0067 | h 0068 | i 0069 | j 006A | k 006B | l 006C | m 006D | n 006E | o 006F |
| 70 | p 0070 | q 0071 | r 0072 | s 0073 | t 0074 | u 0075 | v 0076 | w 0077 | x 0078 | y 0079 | z 007A | { 007B | 007C | } | ~ 007E | DEL 007F |
| 80 | € 20AC | • 20A1 | ƒ 0192 | „ 201E | … 2026 | † 2020 | ‡ 2021 | ˆ 02C6 | ‰ 2030 | Š 0160 | < 2039 | € 0152 | • 017D | Ž 017E | • 0178 | • 0179 |
| 90 | • 2018 | • 2019 | • 201C | • 201D | • 2022 | • 2013 | • 2014 | • 02DC | • 2122 | • 0161 | • 203A | • 0153 | • 017E | • 0178 | • 0179 | • 0178 |
| A0 | NBSP 00A0 | ¡ 00A1 | ¢ 00A2 | £ 00A3 | ¤ 00A4 | ¥ 00A5 | ¦ 00A6 | § 00A7 | ¨ 00A8 | © 00A9 | ª 00AA | « 00AB | ¬ 00AC | ­ 00AD | ® 00AE | ¯ 00AF |
| B0 | ° 00B0 | ± 00B1 | ² 00B2 | ³ 00B3 | ´ 00B4 | µ 00B5 | ¶ 00B6 | · 00B7 | ¸ 00B8 | ¹ 00B9 | º 00BA | » 00BB | ¼ 00BC | ½ 00BD | ¾ 00BE | ¿ 00BF |
| C0 | À 00C0 | Á 00C1 | Â 00C2 | Ã 00C3 | Ä 00C4 | Å 00C5 | Æ 00C6 | Ç 00C7 | È 00C8 | É 00C9 | Ê 00CA | Ë 00CB | Ì 00CC | Í 00CD | Î 00CE | Ï 00CF |
| D0 | Ð 00D0 | Ñ 00D1 | Ò 00D2 | Ó 00D3 | Ô 00D4 | Õ 00D5 | Ö 00D6 | × 00D7 | Ø 00D8 | Ù 00D9 | Ú 00DA | Û 00DB | Ü 00DC | Ý 00DD | Þ 00DE | ß 00DF |
| E0 | à 00E0 | á 00E1 | â 00E2 | ã 00E3 | ä 00E4 | å 00E5 | æ 00E6 | ç 00E7 | è 00E8 | é 00E9 | ê 00EA | ë 00EB | ì 00EC | í 00ED | î 00EE | ï 00EF |
| F0 | ð 00F0 | ñ 00F1 | ò 00F2 | ó 00F3 | ô 00F4 | õ 00F5 | ö 00F6 | ÷ 00F7 | ø 00F8 | ù 00F9 | ú 00FA | û 00FB | ü 00FC | ý 00FD | þ 00FE | ÿ 00FF |

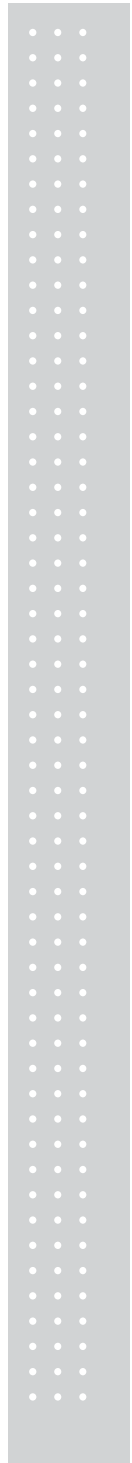
Note: To enter A , first you have to read 40 in a row and 01 in a column and type 41.

3. Window Character Set Information

| Code | Short Name | Description | Country |
|------|--------------------------|---------------------------|--|
| 1250 | Central Europe | Windows Latin 2 | Albania, Croatia, Czech, Faeroese, Hungarian, Polish, Romanian, Serbian(Latin), Slovak, Slovenian |
| 1251 | Cyrillic | Windows Cyrillic (Slavic) | Byelorussian, Bulgarian, Russian, Ukrainian |
| 1252 | Latin 1 | Windows Latin 1 (ANSI) | Afrikaans, Catalan, Danish, Dutch, English, USA, Canada, New Zealand, Austria, Ireland, South Africa, Finnish, French, Belgium, Switzerland, Luxembourg, German, Austria, Liechtenstein, Italian, Icelandic, Indonesian, Norwegian, Portuguese, Brazil, Spanish, Mexico, Swedish |
| 1253 | Greek | Windows Greek | Greek |
| 1254 | Turkish | Windows Latin 5 (Turkish) | Turkish |
| 1255 | Hebrew | Windows Hebrew | Hebrew |
| 1256 | Arabic | Windows Arabic | Saudi Arabia, Iraq, Egypt, Libya, Algeria, Morocco, Tunisia, Oman, Yemen, Syria, Jordan, Lebanon, Kuwait, United Arab Emirates, Bahrain, Qatar, Farsi |
| 1257 | Baltic | Windows Baltic Rim | Estonian, Latvian, Lithuanian |
| 1258 | Vietnam | | Vietnam |
| 874 | Thai | | Thai |
| 932 | Japanese Shift-JIS | | Japan |
| 936 | Simplified Chinese GBK | Simplified Chinese | Chinese, Singapore |
| 949 | Korean | Complete Hangul | Korea |
| 950 | Traditional Chinese BIG5 | Traditional Chinese | Taiwan, HongKong |

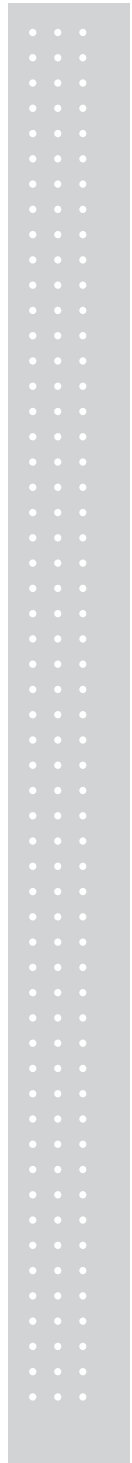
MEMO

MEMO



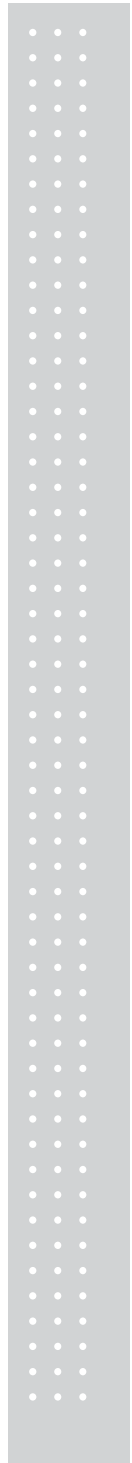
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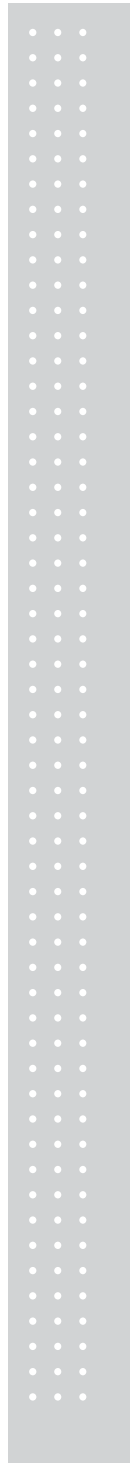
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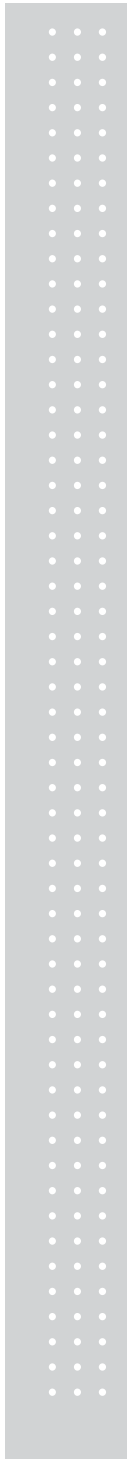
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Specifications are subject to change for improvement without prior notice.

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