VETEK

Technical Manual

CRANE SCALE OCS

MODELS: OCS-M & OCS-L

You can use the Far control changes parameter and adjust.

EACH KEY FUNCTION

[**TARE**]	**Move** →
[→0←]	Choice ↑
[MR]	Enter

THE PARAMETER CHOICE

OPERATION	DISPLAY	ELUCIDATION
Press [F2] [F1]	[P----]	Press down 5 seconds
Press [TARE] [→0←]	[P0258]	Input the password
Press [MR]		Enter

- [rABCD] Zero area choice (General[r2411])

  Press [TARE] [→0←] Choice, Press [MR] Enter

	FUNCTION	CHOICE					
A	Press the scope of zero	0	1	2	3	4	5
B	Auto the scope of zero	0	1	2	3	4	5
	Max Cap %	0	2	4	10	20	100
C	Follow the scope of zero	0	1	2	3	4	5
	d	0	0.5	1	1.5	2	2.5
D	Display speed	0	1	2			
	Time/Second	6	12	22			

- [L *] Resist swing choice (General [L 2])
  Press [→0←] Choice, Press [MR] Enter.

	[L 0]	[L 1]	[L 2]	[L 3]	[L 4]	[L 5]
Result	Small	General	General	Strong	Strong	Stronger

- [Un *] Unit choice (General [Un 0])
  Press [→0←] Choice, Press [MR] Enter.

	[Un 0]	[Un 1]	[Un 2]
Unit	kg	lb	Other

- [OFF *] Close method choice (General [OFF 2])
  Press [→0←] Choice, Press [MR] Enter.

[OFF 0]	Close by hand
[OFF 0]	Static 15 minutes, display [-]
[OFF 0]	Static 15 minutes, display [-] Static 60 minutes off.

- [E *] : (d) Choice (General OIML III)
  Press [→0←] Choice, Press [MR] Enter.

Max Cap	d (kg)	Max Cap	d (kg)
100kg	0.02/0.05	3000kg	0.5/1
200kg	0.05/0.1	5000kg	1/2
300kg	0.05/0.1	10000kg	2/5
500kg	0.1/0.2	15000kg	5/10
1000kg	0.2/0.5	20000kg	5/10
2000kg	0.5/1	30000kg	5/10

- [End] : End, Return
  Hint: If press down [OFF] to do not put, be the display [End], can end in advance.

ADJUST

OPERATION	DISPLAY	ELUCIDATION
Press [F2] [F1]	[P----]	Press down 5 seconds
Press [TARE] [→0←]	[P8416]	Input the password
Press [MR]		Enter

- [E *] : (e) Choice
  Press [→0←] Choice, Press [MR] Enter.
  Hint: Refer to the specification of each crane scale.

Max Cap	e(kg)	Max Cap	e(kg)
100kg	0.05	3000kg	1
200kg	0.1	5000kg	2
300kg	0.1	10000kg	5
500kg	0.2	15000kg	5
1000kg	0.5	20000kg	10
2000kg	1	30000 kg	10

- [SCALE] :Adjusts

OPERATION	DISPLAY	ELUCIDATION
Press [TARE]	[*****]	Original Max Cap, Do not neet the Changes Press [MR]
Press[TARE] [→0←] Input Max Cap.	[5000]	Example:Max Cap.5000kg
Press[MR]		Enter
	[CALSP]	Certain empty scale
Press[MR]	[-----]	Adjust zero
	[LOAd1]	The first place
Press [TARE] [→0←], Input weight	[1000]	Example: 1000kg weight
Crane weight, Static Press [MR]	[-----]	Adjust
	[LOAd2]	The second place
Press [TARE][→0←],Input weight	[3000]	Example: 3000kg weight
Crane weight, Static Press [MR]	[-----]	Adjust
	[LOAd3]	The third place
Press [TARE] [→0←]Input weight	[5000]	Example: 5000kg weight
Crane weight, Static Press [MR]	[-----]	Adjust
	[End]	End,Return

SIGN ELUCIDATION

[SCALE]	Adjusts
[OuEr]	Overload the warning
[AdErr]	Load cell damage
[CALSP]	Enter the adjustment
[-----]	Adjusts
[CLr]	Clearance
[SHIFt]	Conversion
[U 6.]**	Battery voltage
[End]	End
[OFF]	Close

CALIBRATION

ITEM	OPERATION	DISPLAY	SETTING RANGE & EXPLAIN
Enter Setting		[P----]	Press[F1] [F2]together, 2 seconds
		[P8416]	Press [TARE] [→0←]together, then input calibration password
	[MR]	[SCALE]	Enter calibration
Calibration with no load	[MR]	[CALSP]	Make sure no load and let scale stable
	[MR]	[-----]	Calibration ok
First load	[MR]	[LoAd1]	Start first load point calibration
	[MR]	[*****]	Last calibration value or default value
	[TARE] [→0←]	[1000]	Input weight, e.g. 1000kg Hanging weight, waiting stable
	[MR]	[-----]	First load calibration ok
Second load	[MR]	[LoAd2]	Start second load point calibration
	[MR]	[*****]	Last calibration value or default value
	[TARE] [→0←]	[3000]	Input weight, e.g. 3000kg Hanging weight, waiting stable
	[MR]	[-----]	Second load calibration ok
Third load	[MR]	[LoAd3]	Start third load point calibration
	[MR]	[*****]	Last calibration value or default value
	[TARE]	[5000]	Input weight, e.g. 3000kg Hanging weight, waiting stable
	[MR]	[-----]	Third load calibration ok
		[End]	Calibration finished, return

ATTENTION:

1. Scale tare weight can't exceed 50%F.S., the range between load1, load2, load3 can't less than 20%F.S., if the range less than 20%F.S., calibration finished automatically and return.

2. LOAD1 < LOAD2 < LOAD3

TROUBLESHOOTING GUIDE

TROUBLE	REASON	SOLUTION
No display when turn on	Battery Damaged	Check Battery
No display when turn on	Loose battery contact	Tighten the contact
Flashing display	Low battery	Recharge the battery
Can't turn On & Off	OFF/ON button is damaged	Check and clean the button
Can't Tare	TARE button is damaged	Check the adaptor
Recahrge indicator light can't turn on	The adaptor is damage	Check the adaptor
Recahrge indicator light can't turn on	The adaptor is not plugged ready	Insert plug again
Display isn't stable	The load is unstable	Stabilize the load
Display isn't stable	Loadcell cable damaged	Check and replace loadcell
Display isn't stable	The scale has been in a damp environment for a long time	Put the scale in a dry environment
The display doesn't show " 0 " on an empty load	Have not allowed enough time for scale heating after turn on	After turning the scale on, allow 3 - 5 minutes for heating
The display doesn't show " 0 " on an empty load	The scale has been on the ground for too long	Scale should be hung
The error is large	The scale isn't hung prperly	Check the scale and sling
Battery can't recharge	Battery is damaged	Replace battery
Battery can't recharge	Outlet is damaged	Replace the outlet
Remote distance shortened	Receiver window is too dirty	Check and clean
Remote distance shortened	Controller has low battery	Replace controller battery