



More information on the website
radwag.com/en/info,w1,1ZS

AP-12.5Y Automatic Device for Multichannel Pipette Calibration



The drawings, photos and graphics used are for illustrative purposes only.

Functions



Autotest



Statistics



IR sensors



GLP Procedures



Pipettes Calibration



Air density correction



Ambient conditions monitoring



Statistical Quality Control



ALIBI Memory

Datasheet

Metrological parameters	
Maximum capacity [Max]	52 g
Readability [d]	0.01 mg
Tare range	-52 g
Standard repeatability [5% Max]	5 µg
Standard repeatability [Max]	10 µg
Standard minimum weight (USP)	10 mg
Standard minimum weight (U=1%, k=2)	1 mg

Metrological parameters	
Linearity	±0.03 mg
Stabilization time	4 s
Adjustment	internal (automatic)
Typical measurement time for a 12-channel pipette with constant volume, according to ISO 8655 (for d=10 µg)*	under 20 minutes
Typical measurement time for a 12-channel pipette with variable volume, according to ISO 8655 (for d=10µg)*	under 60 minutes
Relative humidity	20% ÷ 80%
Physical parameters	
Display	10" touchscreen
Weighing pan dimensions	ø26 + automat
Packaging dimensions	605×560×775 mm
Net weight	17 kg
Gross weight	30 kg
Communication interface	
Communication interface	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Environmental conditions	
Operating temperature	+10 – +40 °C
Operating temperature change rate	±0.3°C/1h (±1°C/8h)
Relative humidity change rate	±1%/h (±4%/8h)

*Depends on room conditions and user competence.

* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



Accessories

Antivibration Tables

- SAL/STONE/H Stainless Steel Antivibration Table [WX-001-0079]
- SAL/STONE/C Antivibration Table [WX-001-0078]

Additional modules

- RES Radwag Extended SI Module (5Y, CY10) [WX-016-0315]

Automatic Variable-Volume Pipettes

- 100 µl ÷ 1000 µl - RW8-106-20-9 Automatic Pipettes [PA-203-0006]
- 2 µl ÷ 20 µl - RW8-102-20-9 Automatic Pipettes [PA-203-0002]
- 10 µl ÷ 100 µl - RW8-104-20-9 Automatic Pipettes [PA-203-0004]
- 20 µl ÷ 200 µl - RW8-105-20-9 Automatic Pipettes [PA-203-0005]
- 5 µl ÷ 50 µl - RW8-103-20-9 Automatic Pipettes [PA-203-0003]
- 0.5 µl ÷ 10 µl - RW8-101-20-9 Automatic Pipettes [PA-203-0001]
- 500 µl ÷ 5000 µl - RW8-107-20-9 Automatic Pipettes [PA-203-0007]

Protective cover for balances

- Hybrid Protective Glass 5Y, CY10 [WX-001-0435]

Barcode scanners

- LS2208 Barcode Scanner [WX-006-0005]
- PD9531 Barcode Scanner [WX-006-0046]
- DS2208 Barcode Scanner [WX-006-0036]

RS 232, RS 485 cables

- PT0455 Cable [WX-013-0239]

Balance Storage Case

- Transport Case for AP-12.5Y Balances [WX-001-0446]

Receipt Printer

- RTP-UEW80 Radwag Thermal Receipt Printer (USB + Ethernet + WiFi) [WX-007-0118]
- RTP-RU80 Radwag Thermal Receipt Printer (RS232 + USB) [WX-007-0119]

Fingerprint Reader

Adapters for Pipettes Calibration

- Suction pump for liquids [WX-001-0445]

RS 232 – USB Converter

- Moxa UPort 1110 Converter [WX-015-0278]

USB Hubs

- USB 3.0 Hub [WX-015-0286]

THBR 2.0 System - Ambient Conditions Monitoring

- THB P Sensor [WX-016-0161]
- THB S Sensor [WX-016-0160]

Software

- RAD Key [WX-010-0005]
- LabVIEW "Radwag Balances & Scale" Driver [WX-010-0105]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]
- Audit Trail Reader [WX-010-0186]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]
- R-Barcode [WX-010-0109]

Device dimensions

