radwag.com

AP-12.1.5Y Automatic Device for Multichannel Pipette Calibration

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

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]	18 g
Readability [d]	1 µg
Tare range	-18 g
Standard repeatability [5% Max]	2.8 µg
Standard repeatability [Max]	3 µg for a single-channel balance 4 µg for a multichannel balance
Standard minimum weight (USP)	2 mg
Standard minimum weight (U=1%, k=2)	0.2 mg

Metrological parameters	
Linearity	±0.01 mg
Stabilization time	max 10 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	23 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)

* 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]

USB Hubs

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 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]