



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

AP-12.1.5Y Automatic Device for Multichannel Pipette Calibration

WL-101-0423



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 |
| Minimum weight (USP) | 2 mg |
| Minimum weight (U=1%, k=2) | 0.2 mg |
| Standard repeatability [Max] | 3 µg for a single-channel balance 4 µg for a multichannel balance |
| Standard repeatability [5% Max] | 2.8 µg |

| 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 |
| Maximum volume | 4.5 ml |
| Physical parameters | |
| Display | 10" graphic colour touchscreen |
| Weighing pan dimensions | intended + ø26 mm for calibration |
| Packaging dimensions W x D x H | 605×560×775 mm |
| Net weight | 17 kg |
| Gross weight | 23 kg |
| Communication interface | |
| Communication interface | 2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot |
| Electrical parameters | |
| Power supply | Adapter: 100 – 240V AC 50/60Hz 1A Max; 15V DC 2.4A Device: 12 – 15V DC 1.6A max; 10 – 29W* |
| Environmental conditions | |
| Operating temperature | +10 – +40 °C |
| Operating temperature change rate | ±0.3 °C / 1 h (±1 °C / 8 h) |
| Relative humidity | 20% – 80% |
| Relative humidity change rate | ±1% / h (±4% / 8 h) |

* Depends on room conditions and user competence.

** Power consumption depends on the terminal configuration as well as the number and type of external devices connected.

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



Accessories (Additional Fee)

Antivibration Tables
 Additional modules
 Automatic Variable-Volume Pipettes
 Protective cover for balances
 Barcode scanners
 THBR 2.0 System - Ambient Conditions Monitoring

RS 232, RS 485 cables
 Balance Storage Case
 Receipt Printer
 Fingerprint Reader
 Adapter for Pipette Calibration
 RS 232 – USB Converter

Software (Additional Fee)

- RAD Key [WX-010-0005]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]

- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]