



More information on the website
mirror.radwag.com/us/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 of dishes	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)

* 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 Pipettes Calibration
 RS 232 – USB Converter

Software (Additional Fee)

• RAD Key [WX-010-0005]
 • Scale Editor - EWAG 2.1 [WX-010-0173]

• RADWAG Remote Desktop [WX-010-0107]
 • RADWAG Development Studio [WX-010-0104]