



More information on the website  
[mirror.radwag.com/en/info,w1,YVE](http://mirror.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]