



MYA 21.5Y Microbalance

WL-109-0010

More information on the website
mirror.radwag.com/us/info,w1,ZOC



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

Functions

 Autotest	 Dosing	 Percent Weighing	 Parts counting
 Peak hold	 Formulation	 Newton unit measurement	 Statistics
 Checkweighing	 IR sensors	 GLP Procedures	 Animal weighing
 Pipettes Calibration	 Air density correction	 Density determination	 Differential weighing
 Ambient conditions monitoring	 Statistical Quality Control	 Packaged Goods Control	 ALIBI Memory
 Wi-Fi			

Datasheet

Maximum capacity [Max]	21 g
Minimum load	0,1 mg
Readability [d]	1 µg

Verification unit [e]	1 mg
Tare range	-21 g
Standard repeatability [5% Max]	0,7 µg
Standard repeatability [Max]	2 µg
Standard minimum weight (USP)	1,4 mg
Standard minimum weight (U=1%, k=2)	0,2 mg
Permissible repeatability [5% Max]	1,6 µg
Permissible repeatability [Max]	4 µg
Linearity	±7 µg
Eccentric load deviation	7 µg
Sensitivity time drift	1×10 ⁻⁶ /Year×Rt
Stabilization time	3,5 s
Adjustment	internal (automatic)
OIML Class	I

Physical parameters

Leveling system	automatic – Reflex Level System
Display	10" graphic colour touchscreen
Weighing chamber doors	automatic
Delivery components	Microbalance, terminal, weighing pan, weighing pan shield, glass lid, power supply, pincette, brush, fabric dust cover.
Weighing chamber dimensions	Ø 90×90 mm
Weighing pan dimensions	Ø26 mm
Packaging dimensions W x D x H	750×492×595 mm
Net weight	10,6 kg
Gross weight	16,5 kg

Construction

Protection class	IP 43
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*
Operating temperature	+10 – +40 °C
Operating temperature change rate	±0,3 °C / 1 h (±1 °C / 8 h)
Relative humidity	40% – 80%
Relative humidity change rate	±1% / h (±4% / 8 h)

Repeatability is expressed as a standard deviation from 10 cycles of mass standard weighing.

Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.

* The power supply can be connected to the socket on the back of the balance housing or to the terminal.

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



Additional fee for verification



Accessories (Additional Fee)

MediaBox	Barcode scanners
RFID Tags	!Balance Storage Case
Antivibration tables	RS 232, RS 485 cables
Power Adapters	Chamber for filter weighing
Adapters for pipettes calibration	THBR 2.0 System - Ambient Conditions Monitoring
Additional modules	Weighing dishes
Anti-Draft Chamber for Microbalances	Receipt Printer
Professional Weighing Tables	Fingerprint Reader
Antistatic ionizer	RS 232 – USB Converter
Protective cover for balances	

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- Scale Editor - EWAG 2.1 [WX-010-0173]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- RADWAG Development Studio [WX-010-0104]

Device dimensions W x D x H

