



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






















MYA 21.5Y Microbalance



MYA 21.5Y Microbalance

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

	MYA 21.5Y Microbalance
Metrological parameters	
Maximum capacity [Max]	21 g
Minimum load	0,1 mg
Readability [d]	1 µg
Verification scale interval [e]	1 mg
Tare range	-21 g
Standard repeatability [5% Max]	1 µg
Standard repeatability [Max]	3 µg
Standard minimum weight (USP)	2 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	$1 \times 10^{-6} / \text{Year} \times R_t$
Stabilization time	max 10 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	automatic - Reflex Level System
Display	10" touchscreen
Delivery components	Microbalance, terminal, weighing pan, weighing pan shield, glass lid, power supply, pincette, brush, fabric dust cover.
Weighing chamber dimensions	ø90×90 mm
Weighing pan dimensions	ø26 mm
Packaging dimensions	655×755×445 mm
Net weight	9,1 kg
Gross weight	16,6 kg
Communication interface	
Communication interface	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*
Environmental conditions	
Operating temperature	+10 – +40 °C
Operating temperature change rate	±0,3°C/1h (±1°C/8h)
Relative humidity	40% – 80%
Relative humidity change rate	±1%/h (±4%/8h)

* 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.



Accessories

Antivibration Tables
Adapter for Pipette Calibration
Barcode scanners
Professional weighing table
USB Hubs

THBR 2.0 System - Ambient Conditions Monitoring
Weighing dishes
Fingerprint Reader
RS 232 – USB Converter
RS 232, RS 485 cables

Software

RAD-KEY
LabVIEW Driver
RADWAG Remote Desktop
Scales Editor 2.1
R.Barcode

Audit Trail Reader
Label Editor R02
R-LAB
RADWAG Development Studio

Device dimensions

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