



More information on the website
radwag.com/en/info,w1,089

MYA 21.5Y.P 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

Metrological parameters

Maximum capacity [Max]

21 g

Minimum load

0,1 mg

Metrological parameters	
Readability [d]	1 µg
Verification unit [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	~5 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 vessel, evaporation ring, glass lid, additional glass lid, glass lid, power supply, pincette, brush, fabric dust cover.
Weighing chamber dimensions	ø90×90 mm
Weighing pan dimensions	ø26 mm
Packaging dimensions	750×492×595 mm
Net weight	9,1 kg
Gross weight	16,6 kg
Communication interface	
Communication interface	USB-A ×2, 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
Barcode scanners
Anti-Draft Chamber for Microbalances
Automatic Variable-Volume Pipettes
Professional weighing table
Antistatic ionizer
Protective cover for balances
Workstation for Pipettes Calibration
Power Adapters

USB Hubs
Label Printers
Chamber for filter weighing
THBR 2.0 System - Ambient Conditions Monitoring
Receipt Printer
Fingerprint Reader
RS 232 – USB Converter
RS 232, RS 485 cables

Software

RAD-KEY
R-Pipettes
Label Editor R02
R-LAB
RADWAG Development Studio
R.Barcode

Audit Trail Reader
LabVIEW Driver
RADWAG Remote Desktop
Scales Editor 2.1
E2R System

Device dimensions

