



XA 21/52.5Y.M.A.P Microbalance























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



XA 21/52.5Y.M.A.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 |  Automatic sliding door |  Density determination |
|  Differential weighing |  Ambient conditions monitoring |  Statistical Quality Control |  Packaged Goods Control |
|  ALIBI Memory |  Wi-Fi | | |

Datasheet

	XA 21/52.5Y.M.A.P Microbalance
Metrological parameters	
Maximum capacity [Max]	21/52 g
Minimum load	0,1 mg
Readability [d]	1/5 µg
Verification unit [e]	1 mg
Tare range	-52 g
Standard repeatability [5% Max]	1,5 µg
Standard repeatability [Max]	6 µg
Standard minimum weight (USP)	3 mg
Standard minimum weight (U=1%, k=2)	0,3 mg
Permissible repeatability [5% Max]	2,4 µg
Permissible repeatability [Max]	8 µg
Linearity	±20 µg
Eccentric load deviation	20 µg
Sensitivity time drift	$1 \times 10^{-6} / \text{Year} \times \text{Rt}$
Stabilization time	~3,5 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	automatyczny - Reflex Level System
Display	10" graphic colour touchscreen
Weighing chamber doors	automatic
Delivery components	Microbalance, weighing pan, weighing pan shield, power supply, automatic pipette calibration adapter: (base, bottom ring, glass vessel, pipette calibration adapter, evaporation ring, weighing pan, glass lid, mechanical closing cover, protecting screw), brush, fabric dust cover.
Weighing chamber dimensions	199×170×217 mm
Capacity	11 ml
Weighing pan dimensions	ø26 mm
Packaging dimensions	750×492×595 mm
Net weight	14,5 kg
Gross weight	18,9 kg
Construction	
Protection class	IP 43
Communication interface	
Communication interface	2×USB-A, 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.



Extra payment for verification



Accessories

MediaBox
RFID Tags
Antivibration Tables
Power Adapters
Protective cover for balances
Additional modules
Anti-Draft Chamber for Microbalances
Automatic Variable-Volume Pipettes
Professional Weighing Tables
Protective cover for balances
Barcode scanners

Workstation for Pipettes Calibration
RS 232, RS 485 cables
Label Printers
THBR 2.0 System - Ambient Conditions Monitoring
RS 232, RS 485 cables
Anti-Draft Chamber for XA 4Y and XA 5Y Balances
Antistatic ionizer
Receipt Printer
Fingerprint Reader
RS 232 – USB Converter
Under-pan weighing

Software

E2R System
R-Pipettes
RADWAG Remote Desktop
Scales Editor 2.1

RAD-KEY
Label Editor R02
R-LAB
RADWAG Development Studio