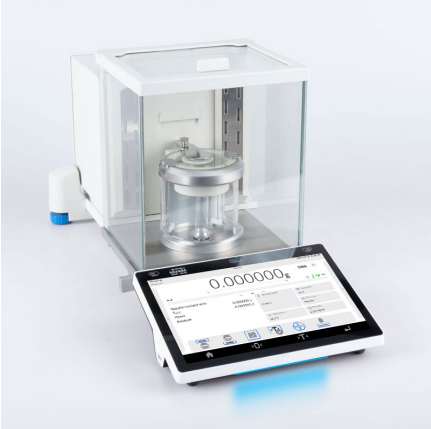
radwag.com

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
- Percent Weighing
- Peak hold
- Statistics
- IR sensors
- GLP Procedures
- Pipettes Calibration
- Air density correction
- Automatic sliding door
- Moveable range
- Differential weighing
- Ambient conditions monitoring
- Replaceable unit
- Statistical Quality Control
- ALIBI Memory
- Wi-Fi

Datasheet

	XA 21/52.5Y.M.A.P Microbalance WL-112-1001
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	1×10^{-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, weighing pan, osłona weighing pans, 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, RS 232 (COM3), 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 / 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
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 (Additional Fee)

E2R System
R-Pipettes
RADWAG Remote Desktop
Scales Editor 2.1
RAD-KEY
Label Editor R02
R-LAB
RADWAG Development Studio