



XA 6.5Y.M.A.S Microbalance

WL-109-0026

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



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

Functions

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

Datasheet

Metrological parameters	
Maximum capacity [Max]	6.1 g
Minimum load	0.1 mg
Readability [d]	1 µg
Verification unit [e]	1 mg
Tare range	-6.1 g
Standard repeatability [5% Max]	1.3 µg

Metrological parameters	
Standard repeatability [Max]	3.5 μ g
Standard minimum weight (USP)	2.6 mg
Standard minimum weight (U=1%, k=2)	0.26 mg
Permissible repeatability [5% Max]	2 μ g
Permissible repeatability [Max]	5 μ g
Linearity	$\pm 9 \mu$ g
Eccentric load deviation	7 μ g
Sensitivity time drift	1×10^{-6} /Year \times 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, 2 x weighing pan for stents, 2 x holder for stents, 2 x glass cover, podstawa, power supply, fabric dust cover.
Weighing chamber dimensions	199 \times 170 \times 217 mm
Weighing pan dimensions	ϕ 30 mm + 2 x intended for stents
Packaging dimensions W x D x H	750 \times 492 \times 595 mm
Net weight	14.5 kg
Gross weight	22.5 kg
Construction	
Protection class	IP 43
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

Label Printers
THBR 2.0 System - Ambient Conditions Monitoring

Antivibration Tables
Power Adapters
Protective cover for balances
Additional modules
Anti-Draft Chamber for Microbalances
Professional Weighing Tables
Barcode scanners
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
Stent Weighing Kit
Under-pan weighing

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]

- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]