XA 6.5Y.M.A.S Microbalance

WL-109-0026

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

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

Standard repeatability [Max]	3,5 µg
Standard minimum weight (USP)	2,6 mg
Standard minimum weight (U=1%, k=2)	0,26 mg
Permissible repeatability [5% Max]	2 µg
Permissible repeatability [Max]	5 µg
Linearity	±9 µg
Eccentric load deviation	7 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, 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	199×170×217 mm
Weighing pan dimensions	ø30 mm + 2× intended for stents
Packaging dimensions W x D x H	750×492×595 mm
Net weight	14,5 kg
Gross weight	22,5 kg

Construction	
Protection class	IP 43
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*
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 dependson 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.

CE M   Additional fee for verification   2 YEARS

Accessories (Additional Fee)

MediaBox	Label Printers
RFID Tags	THBR 2.0 System - Ambient Conditions Monitoring
Antivibration tables	Anti-Draft Chamber for XA 4Y and XA 5Y Balances
Power Adapters	Antistatic ionizer

Protective cover for balances
Additional modules
Anti-Draft Chamber for Microbalances
Professional Weighing Tables
Barcode scanners
RS 232, RS 485 cables

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]
• Scale Editor - EWAG 2.1 [WX-010-0173]

• RAD Key [WX-010-0005]
• RADWAG Remote Desktop [WX-010-0107]
• RADWAG Development Studio [WX-010-0104]