

XA 6.5Y.M Microbalance





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

Functions

Q	Autotest		Dosing	%	Percent Weighing	**	Parts counting
MAX	Peak hold		Formulation	/	Newton unit measurement	<u>l</u>	Statistics
- <u>OK</u> +	Checkweighing	4	IR sensors	GLP	GLP Procedures	4	Animal weighing
1	Pipettes Calibration	≋	Air density correction	ρ	Density determination		Differential weighing
	Ambient conditions monitoring	SQC	Statistical Quality Control	е	Packaged Goods Control		ALIBI Memory

Datasheet

Wi-Fi

Metrological parameters		
Maximum capacity [Max]	6.1 g	
Minimum load	0.1 mg	

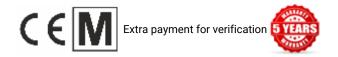
Metrological parameters	
Readability [d]	1 µg
Verification unit [e]	1 mg
Tare range	-6.1 g
Standard repeatability [5% Max]	0.8 µg
Standard repeatability [Max]	2.5 µg
Standard minimum weight (USP)	1.6 mg
Standard minimum weight (U=1%, k=2)	0.16 mg
Permissible repeatability [5% Max]	1.5 µg
Permissible repeatability [Max]	3 µg
Linearity	±7 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	semi-automatic - LevelSENSING
Display	10" graphic colour touchscreen
Weighing chamber doors	manual
Delivery components	Microbalance, weighing pan, weighing pan shield, bottom cover,
	power supply, brush, fabric dust cover. 168×160×228 mm
Weighing chamber dimensions	
Weighing pan dimensions	ø30 mm
Packaging dimensions	750×492×595 mm
Net weight	9.8 kg
Gross weight	14.3 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 / 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.



Accessories

MediaBox RFID Tags Antivibration Tables Power Adapters RS 232, RS 485 cables Additional modules Anti-Draft Chamber for Microbalances Professional Weighing Tables Protective cover for balances Barcode scanners Label Printers THBR 2.0 System - Ambient Conditions Monitoring RS 232, RS 485 cables
Protective cover for balances
Anti-Draft Chamber for XA 4Y and XA 5Y Balances
Weighing dishes
Antistatic ionizer
Receipt Printer
Fingerprint Reader
RS 232 – USB Converter
Under-pan weighing

Software

- E2R Weighing [WX-010-0099]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]

- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]

Device dimensions

