



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

XA 6.5Y.M.A.S 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

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]	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	$1 \times 10^{-6} / \text{Year} \times R_t$
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
Weighing chamber dimensions	199×170×217 mm
Weighing pan dimensions	ø30 mm + 2× intended for stents
Packaging dimensions	750×492×595 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/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	RS 232, RS 485 cables
RFID Tags	Label Printers
Antivibration Tables	RS 232, RS 485 cables
Power Adapters	THBR 2.0 System - Ambient Conditions Monitoring
Protective cover for balances	Anti-Draft Chamber for XA 4Y and XA 5Y Balances
Additional modules	Antistatic ionizer
Anti-Draft Chamber for Microbalances	Receipt Printer
Professional Weighing Tables	Fingerprint Reader
Protective cover for balances	RS 232 – USB Converter
Barcode scanners	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

