



More information on the website  
[radwag.com/en/info,w1,SSP](http://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 g
Minimum load	0.1 mg

<b>Metrological parameters</b>	
Readability [d]	1 µg
Verification unit [e]	1 mg
Tare range	-6 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 <sup>-6</sup> /Year×Rt
Stabilization time	~3.5 s
Adjustment	internal (automatic)
OIML Class	I
<b>Physical parameters</b>	
Leveling system	automatic - Reflex Level System
Display	10" 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	18.9 kg
<b>Construction</b>	
Protection class	IP 43
<b>Communication interface</b>	
Communication interface	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
<b>Electrical parameters</b>	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2.4A Balance: 12 – 15V DC 1.4A max*
<b>Environmental conditions</b>	
Operating temperature	+10 – +40 °C
Operating temperature change rate	±0.3°C/1h (±1°C/8h)
Relative humidity change rate	±1%/h (±4%/8h)
Relative humidity	40% – 80%

\* 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  
 Protective cover for balances  
 Additional modules  
 Anti-Draft Chamber for Microbalances  
 Professional Weighing Tables  
 Protective cover for balances  
 Barcode scanners

RS 232, RS 485 cables  
 USB Hubs  
 Label Printers  
 RS 232, RS 485 cables  
 THBR 2.0 System - Ambient Conditions Monitoring  
 Anti-Draft Chamber for XA 4Y and XA 5Y Balances  
 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

