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[radwag.com/us/info,w1,SSP](http://radwag.com/us/info,w1,SSP)

# XA 6.5Y.M.A.S Microbalance



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	$1 \times 10^{-6} / \text{Year} \times R_t$
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
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** 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.



Extra payment for verification



## Accessories

MediaBox  
RFID Tags  
Antivibration tables  
Power Adapters  
Protective cover for balances  
Additional modules

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

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

Fingerprint Reader  
RS 232 – USB Converter  
Stent Weighing Kit  
Under-pan weighing

## Software

- E2R Weighing [WX-010-0099]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- RADWAG Development Studio [WX-010-0104]
- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- Scale Editor - EWAG 2.1 [WX-010-0173]