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[radwag.com/us/info,w1,K7E](http://radwag.com/us/info,w1,K7E)

# XA 6.5Y.M 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
-  Density determination
-  Differential weighing
-  Ambient conditions monitoring
-  Statistical Quality Control
-  Packaged Goods 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]	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 <sup>-6</sup> /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.
Weighing chamber dimensions	168×160×228 mm
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
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Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
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Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*
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Operating temperature	+10 – +40 °C
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Operating temperature change rate	±0,3°C/1h (±1°C/8h)
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Relative humidity	40% – 80%
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Relative humidity change rate	±1%/h (±4%/8h)
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**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  
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]
- 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]

## Device dimensions

