radwag.com

XA 6.5Y.M Microbalance

More information on the website
radwag.com/us/info,w1,K7E

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^{-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.
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
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
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 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.

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