

























More information on the website
radwag.com/en/info,w1,0SG

XA 6.5Y.M.A 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 scale interval [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 | $1 \times 10^{-6} / \text{Year} \times R_t$ |
| Stabilization time | ~3,5 s |
| Adjustment | internal (automatic) |
| OIML Class | I |
| Physical parameters | |
| Leveling system | automatic - Reflex Level System |
| Display | 10" touchscreen |
| Delivery components | Microbalance, weighing pan, weighing pan shield, power supply, brush, fabric dust cover. |
| Weighing chamber dimensions | 199×170×217 mm |
| Weighing pan dimensions | ø30 mm |
| Packaging dimensions | 435 x 885 x 540 mm |
| Net weight | 14,5 kg |
| Gross weight | 18,9 kg |
| Communication interface | |
| Communication interface | USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot |
| 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.



Accessories

Antivibration Tables
Barcode scanners
Professional weighing table
Protective cover for balances
MICRO-KIT - Set of Holders for Microscale Glassware
USB Hubs
Label Printers

THBR 2.0 System - Ambient Conditions Monitoring
Anti-Draft Chamber for XA 4Y and XA 5Y Balances
Weighing dishes
Receipt Printer
Fingerprint Reader
RS 232 – USB Converter
Under-pan weighing

Software

RAD-KEY
Label Editor R02
Scales Editor 2.1
R.Barcode

LabVIEW Driver
RADWAG Remote Desktop
RADWAG Development Studio

Device dimensions

