



More information on the website
radwag.com/en/info,w1,7D8

XA 6/21.5Y.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
- Moveable range
- Differential weighing
- Ambient conditions monitoring
- Statistical Quality Control
- Packaged Goods Control
- ALIBI Memory
- Wi-Fi

Datasheet

| Metrological parameters | |
|-------------------------|--------|
| Maximum capacity [Max] | 6/21 g |
| Minimum load | 0,1 mg |

| Metrological parameters | |
|-------------------------------------|--|
| Readability [d] | 1/2 µg |
| Verification scale interval [e] | 1 mg |
| Tare range | -21 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 | 15 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
MICRO-KIT - Set of Holders for Microscale Glassware
USB Hubs
Label Printers
THBR 2.0 System - Ambient Conditions Monitoring

Adapter for Pipette Calibration
Anti-Draft Chamber for XA 4Y and XA 5Y Balances
Weighing dishes
Fingerprint Reader
RS 232 – USB Converter
RS 232, RS 485 cables

Software

RAD-KEY
LabVIEW Driver
RADWAG Remote Desktop
Scales Editor 2.1
R.Barcode

Audit Trail Reader
Label Editor R02
R-LAB
RADWAG Development Studio

Device dimensions

