



More information on the website
mirror.radwag.com/en/info,w1,XYN

XA 52.5Y.M.A.P Microbalance

WL-112-0002



The drawings, photos and graphics used are for illustrative purposes only.

Functions

-  Autotest
-  Percent Weighing
-  Peak hold
-  Statistics
-  IR sensors
-  GLP Procedures
-  Pipettes Calibration
-  Air density correction
-  Automatic sliding door
-  Moveable range
-  Differential weighing
-  Ambient conditions monitoring
-  Replaceable unit
-  Statistical Quality Control
-  ALIBI Memory
-  Wi-Fi

Datasheet

| Metrological parameters | |
|-------------------------|--------|
| Maximum capacity [Max] | 52 g |
| Minimum load | 0.5 mg |
| Readability [d] | 5 µg |
| Verification unit [e] | 1 mg |
| Tare range | -52 g |
| Minimum weight (USP) | 4.4 mg |

| Metrological parameters | |
|------------------------------------|--|
| Minimum weight (U=1%, k=2) | 0.44 mg |
| Standard repeatability [Max] | 6 µg |
| Standard repeatability [5% Max] | 2.2 µg |
| Permissible repeatability [Max] | 8 µg |
| Permissible repeatability [5% Max] | 3.4 µg |
| Linearity | ±20 µg |
| Eccentric load deviation | 20 µg |
| Sensitivity time drift | 1×10 ⁻⁶ /Year×Rt |
| 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 |
| Delivery components | Microbalance, weighing pan, weighing pan shield, power supply, automatic pipette calibration adapter: (base, bottom ring, glass vessel, pipette calibration adapter, evaporation ring, weighing pan, glass lid, mechanical closing cover, protecting screw), brush, fabric dust cover. |
| Weighing chamber dimensions | 199×170×217 mm |
| Capacity | 11 ml |
| Weighing pan dimensions | ø26 mm |
| Packaging dimensions W x D x H | 750×492×595 mm |
| Net weight | 14.5 kg |
| Gross weight | 18.9 kg |
| Construction | |
| Protection class | IP 43 |
| Communication interface | |
| Communication interface | 2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot |
| Electrical parameters | |
| Power supply | Adapter: 100 – 240V AC 50/60Hz 1A Max; 15V DC 2.4A Balance: 12 – 15V DC 1.6A max; 10 – 19W* |
| Environmental conditions | |
| 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.

* Power consumption depends on the terminal configuration as well as the number and type of external devices connected. 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.



Additional fee for verification



Accessories (Additional Fee)

MediaBox
RFID Tags
Antivibration Tables
Power Adapters
Protective cover for balances
Additional modules
Anti-Draft Chamber for Microbalances
Automatic Variable-Volume Pipettes
Professional Weighing Tables
Barcode scanners

Workstation for Pipettes Calibration
RS 232, RS 485 cables
Label Printers
THBR 2.0 System - Ambient Conditions Monitoring
Anti-Draft Chamber for XA 4Y and XA 5Y Balances
Antistatic ionizer
Receipt Printer
Fingerprint Reader
RS 232 – USB Converter
Under-pan weighing

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- R-Pipettes [WX-010-0026]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]

- RAD Key [WX-010-0005]
- Label Editor R02 [WX-010-0094]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]