



More information on the website
radwag.com/en/info,w1,AZ3

MYA 11/52.5Y 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

Metrological parameters

| | |
|------------------------|-----------|
| Maximum capacity [Max] | 11 / 52 g |
| Minimum load | 0.1 mg |

| Metrological parameters | |
|-------------------------------------|---|
| Readability [d] | 1 / 10 µg |
| Verification unit [e] | 1 mg |
| Tare range | -52 g |
| Standard repeatability [5% Max] | 1.5 µg |
| Standard repeatability [Max] | 10 µg |
| Standard minimum weight (USP) | 3 mg |
| Standard minimum weight (U=1%, k=2) | 0.3 mg |
| Permissible repeatability [5% Max] | 2.7 µg |
| Permissible repeatability [Max] | 15 µg |
| Linearity | ±10 / 30 µg |
| Eccentric load deviation | 6 / 10 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, terminal, weighing pan, weighing pan shield, glass lid, power supply, pincette, brush, fabric dust cover. |
| Weighing chamber dimensions | ø 90×90 mm |
| Weighing pan dimensions | ø26 + ø40 mm |
| Packaging dimensions | 750×492×595 mm |
| Net weight | 10 kg |
| Gross weight | 16.6 kg |
| Communication interface | |
| Communication interface | 2×USB-A, 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 / 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.

* 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
Additional modules
Anti-Draft Chamber for Microbalances
Professional Weighing Tables
Antistatic ionizer
Protective cover for balances
Barcode scanners

RS 232, RS 485 cables
THBR 2.0 System - Ambient Conditions Monitoring
RS 232, RS 485 cables
Chamber for filter weighing
Weighing dishes
Receipt Printer
Fingerprint Reader
Protective cover for balances
RS 232 – USB Converter

Software

- E2R Weighing [WX-010-0099]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]

- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]

Device dimensions

