



MYA 5.5Y.F1 Microbalance

WL-109-0025

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



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

Functions

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

Datasheet

| Metrological parameters | |
|-------------------------|--------|
| Maximum capacity [Max] | 5.1 g |
| Minimum load | 0.1 mg |
| Readability [d] | 1 µg |
| Verification unit [e] | 1 mg |
| Tare range | -5.1 g |
| Minimum weight (USP) | 1.2 mg |

| Metrological parameters | |
|------------------------------------|--|
| Minimum weight (U=1%, k=2) | 0.12 mg |
| Standard repeatability [Max] | 1.6 µg |
| Standard repeatability [5% Max] | 0.6 µg |
| Permissible repeatability [Max] | 2.4 µg |
| Permissible repeatability [5% Max] | 1.2 µg |
| Linearity | ±5 µg |
| Eccentric load deviation | 5 µg |
| Sensitivity time drift | 1×10 ⁻⁶ /Year×Rt |
| Stabilization time | max 8 s |
| Adjustment | internal (automatic) |
| OIML Class | I |
| Physical parameters | |
| Leveling system | automatic – Reflex Level System |
| Display | 10" graphic colour touchscreen |
| Weighing chamber doors | manual |
| Delivery components | Microbalance, terminal, weighing pan, weighing pan for filters, centring ring, power supply, pincette, brush, fabric dust cover. |
| Weighing chamber dimensions | ø 168×35 mm |
| Weighing pan dimensions | ø160 + ø26 mm |
| Packaging dimensions W x D x H | 755×655×455 mm |
| Net weight | 10.6 kg |
| Gross weight | 16.5 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 1.4A max; 9 – 17W* |
| 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
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
Receipt Printer
Fingerprint Reader
RS 232 – USB Converter

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- Scale Editor 2.1 [WX-010-0173]

- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- RADWAG Development Studio [WX-010-0104]