# MYA 21.5Y Microbalance

WL-109-0010



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

| | |
|---|---|
| Maximum capacity [Max] | 21 g |
| Minimum load | 0,1 mg |
| Readability [d] | 1 µg |

| | |
|---|---|
| Verification unit [e] | 1 mg |
| Tare range | -21 g |
| Standard repeatability [5% Max] | 0,7 µg |
| Standard minimum weight (USP) | 1,4 mg |
| Standard minimum weight (U=1%, k=2) | 0,2 mg |
| Permissible repeatability [5% Max] | 1,6 µg |
| Linearity | ±7 µg |
| Eccentric load deviation | 7 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 mm |
| Packaging dimensions W x D x H | 750×492×595 mm |
| Net weight | 10,6 kg |
| Gross weight | 16,5 kg |

| **Construction** | |
|---|---|
| Protection class | IP 43 |
| | |
| Communication interface | 2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot |
| | |
| Power supply | Adapter: 100 – 240V AC 50/60Hz 1A Max; 15V DC 2,4A<br>Balance: 12 – 15V DC 1,4A max; 9 – 17W* |
| | |
| 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** dependson 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.

CE M   Additional fee for verification   2 YEARS

# Accessories (Additional Fee)

MediaBox
RFID Tags
Antivibration tables
Power Adapters
Adapters for pipettes calibration
Additional modules
Anti-Draft Chamber for Microbalances
Professional Weighing Tables
Antistatic ionizer
Protective cover for balances

Barcode scanners
!Balance Storage Case
RS 232, RS 485 cables
Chamber for filter weighing
THBR 2.0 System - Ambient Conditions Monitoring
Weighing dishes
Receipt Printer
Fingerprint Reader
RS 232 – USB Converter

## Software (Additional Fee)

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

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

## Device dimensions W x D x H