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[radwag.com/us/info,w1,OHL](http://radwag.com/us/info,w1,OHL)

# MYA 6.5Y 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

|                        |        |
|------------------------|--------|
| Maximum capacity [Max] | 6 g    |
| Minimum load           | 0,1 mg |
| Readability [d]        | 1 µg   |

|                                     |   |
|-------------------------------------|---|
| Verification unit [e]               | 1 mg  |
| Tare range                          | -6 g  |
| Standard repeatability [5% Max]     | 0,6 µg                                      |
| Standard repeatability [Max]        | 1,6 µg                                      |
| Standard minimum weight (USP)       | 1,2 mg                                      |
| Standard minimum weight (U=1%, k=2) | 0,12 mg                                     |
| Permissible repeatability [5% Max]  | 1,2 µg                                      |
| Permissible repeatability [Max]     | 2,4 µg                                      |
| Linearity                           | ±5 µg                                       |
| Eccentric load deviation            | 5 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" 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        | 750×492×595 mm  |
| Net weight                  | 9,1 kg  |
| Gross weight                | 15,5 kg   |

|                         |  |
|-------------------------|--|
| Communication interface | 2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot                                   |
| Power supply            | Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A<br>Balance: 12 – 15V DC 1,4A max* |

|                                   |                             |
|-----------------------------------|-----------------------------|
| 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.



## 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]
- RADWAG Development Studio [WX-010-0104]
- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- Scale Editor - EWAG 2.1 [WX-010-0173]

## Device dimensions

