



# MYA 5.5Y Microbalance

WL-109-0006

More information on the website  
[mirror.radwag.com/en/info,w1,89D](http://mirror.radwag.com/en/info,w1,89D)



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]	5.1 g
Minimum load	0.1 mg

<b>Metrological parameters</b>	
Readability [d]	1 µg
Verification unit [e]	1 mg
Tare range	-5.1 g
Standard repeatability [5% Max]	0.4 µg
Standard repeatability [Max]	0.6 µg
Standard minimum weight (USP)	0.8 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	±3 µg
Eccentric load deviation	5 µg
Sensitivity time drift	1×10 <sup>-6</sup> /Year×Rt
Stabilization time	3.5 s
Adjustment	internal (automatic)
OIML Class	I
<b>Physical parameters</b>	
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
<b>Construction</b>	
Protection class	IP 43
<b>Communication interface</b>	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
<b>Electrical parameters</b>	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2.4A Balance: 12 – 15V DC 1.4A max*
<b>Environmental conditions</b>	
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)

**Standard repeatability [5% Max], Standard repeatability [Max] and Standard minimum weight (USP)** are parameters obtained in automatic mode under special laboratory conditions.

**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.



Additional fee for verification



## Accessories (Additional Fee)

RFID Tags  
Antivibration Tables  
Power Adapters  
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  
RS 232 – USB Converter

## Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]

## Device dimensions W x D x H

