

# MYA 5.5Y.F1 Microbalance

WL-109-0025





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

### **Functions**

**Datasheet** 

Q	Autotest	%	Percent Weighing	MAX	Peak hold	<u>.al</u>	Statistics

IR sensors GLP GLP Procedures 

Air density correction Moveable range

Differential weighing

Ambient conditions Replaceable unit

SQC Statistical Quality Control

ALIBI Memory 🛜 Wi-Fi

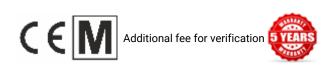
Metrological parameters					
Maximum capacity [Max]	5.1 g				
Minimum load	0.1 mg				
Readability [d]	1 µg				
Verification unit [e]	1 mg				
Tare range	-5.1 g				
Standard repeatability [5% Max]	0.6 µg				

Metrological parameters	
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	1×10 <sup>-6</sup> /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	10.2 kg
Gross weight	14.7 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; 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.

<sup>\*</sup> Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



<sup>\*</sup> The power supply can be connected to the socket on the back of the balance housing or to the terminal.

## **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 RS 232, RS 485 cables Receipt Printer Fingerprint Reader RS 232 – USB Converter Protective cover for balances

# **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]