



More information on the website  
[radwag.com/en/info,w1,0FJ](http://radwag.com/en/info,w1,0FJ)

# MYA 5.5Y.F.A 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

### 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]	0.6 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	1×10 <sup>-6</sup> /Year×Rt
Stabilization time	max 8 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 for filters, centring ring, glass lid, power supply, pincette, brush, fabric dust cover.
Weighing chamber dimensions	Ø 93.8×35 mm
Weighing pan dimensions	Ø70 + Ø16 mm
Packaging dimensions	750×492×595 mm
Net weight	10.2 kg
Gross weight	15.5 kg
<b>Communication interface</b>	
Communication interface	2×USB-A, USB-C, 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/1h (±1°C/8h)
Relative humidity	40% – 80%
Relative humidity change rate	±1%/h (±4%/8h)

\* 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.



Extra payment for verification



## Accessories

MediaBox  
RFID Tags  
Antivibration Tables  
Power Adapters  
Additional modules  
Anti-Draft Chamber for Microbalances  
Filter Chamber Tray  
Professional Weighing Tables  
Antistatic ionizer

Protective cover for balances  
Barcode scanners  
RS 232, RS 485 cables  
Label Printers  
THBR 2.0 System - Ambient Conditions Monitoring  
RS 232, RS 485 cables  
Receipt Printer  
Fingerprint Reader  
RS 232 – USB Converter

## Software

- E2R Weighing [WX-010-0099]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]
- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]

## Device dimensions

