



MYA 5.5Y.F.A Microbalance, MYA 5.5Y.F1 Microbalance

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



MYA 5.5Y.F.A Microbalance



MYA 5.5Y.F1 Microbalance

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

## Functions



Autotest



Percent Weighing



Peak hold



Statistics



IR sensors



GLP Procedures



Air density correction



Moveable range



Differential weighing



Ambient conditions monitoring



Replaceable unit



Statistical Quality Control



ALIBI Memory



Wi-Fi

# Datasheet

	MYA 5.5Y.F.A Microbalance	MYA 5.5Y.F1 Microbalance
<b>Metrological parameters</b>		
Maximum capacity [Max]	5,1 g	5,1 g
Minimum load	0,1 mg	0,1 mg
Readability [d]	1 µg	1 µg
Verification unit [e]	1 mg	1 mg
Tare range	-5,1 g	-5,1 g
Standard repeatability [5% Max]	0,6 µg	0,6 µg
Standard repeatability [Max]	1,6 µg	1,6 µg
Standard minimum weight (USP)	1,2 mg	1,2 mg
Standard minimum weight (U=1%, k=2)	0,12 mg	0,12 mg
Permissible repeatability [5% Max]	1,2 µg	1,2 µg
Permissible repeatability [Max]	2,4 µg	2,4 µg
Linearity	±5 µg	±5 µg
Eccentric load deviation	5 µg	5 µg
Sensitivity time drift	$1 \times 10^{-6} / \text{Year} \times \text{Rt}$	$1 \times 10^{-6} / \text{Year} \times \text{Rt}$
Stabilization time	max 8 s	max 8 s
Adjustment	internal (automatic)	internal (automatic)
OIML Class	I	I
<b>Physical parameters</b>		
Leveling system	automatic - Reflex Level System	automatic - Reflex Level System
Display	10" graphic colour touchscreen	10" graphic colour touchscreen
Weighing chamber doors	automatic	manual
Delivery components	Microbalance, terminal, weighing pan, weighing pan for filters, centring ring, glass lid, power supply, pincette, brush, fabric dust cover.	Microbalance, terminal, weighing pan, weighing pan for filters, centring ring, power supply, pincette, brush, fabric dust cover.
Weighing chamber dimensions	Ø 93,8×35 mm	Ø 168×35 mm
Weighing pan dimensions	ø70 + ø16 mm	ø160 + ø26 mm
Packaging dimensions	750×492×595 mm	755×655×455 mm
Net weight	10,2 kg	10,2 kg
Gross weight	15,5 kg	14,7 kg
<b>Communication interface</b>		
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	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*	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	+10 – +40 °C
Operating temperature change rate	±0,3°C/1h (±1°C/8h)	±0,3°C/1h (±1°C/8h)
Relative humidity	40% – 80%	40% – 80%
Relative humidity change rate	±1%/h (±4%/8h)	±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.

## 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  
Protective cover for balances

## Software

E2R System  
Label Editor R02  
R-LAB  
RADWAG Development Studio

RAD-KEY  
RADWAG Remote Desktop  
Scales Editor 2.1

## Device dimensions

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