



More information on the website
radwag.com/en/info,w1,0FJ

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



MYA 5.5Y.F.A Microbalance



MYA 5.5Y.F1 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

	MYA 5.5Y.F.A Microbalance	MYA 5.5Y.F1 Microbalance
Metrological parameters		
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
Physical parameters		
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
Communication interface		
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, 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*	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	+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
RS 232, RS 485 cables
THBR 2.0 System - Ambient Conditions Monitoring
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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