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

More information on the website
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
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	1×10^{-6}/Year×Rt	1×10^{-6}/Year×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 / 1 h (±1 °C / 8 h)	±0,3 °C / 1 h (±1 °C / 8 h)
Relative humidity	40% – 80%	40% – 80%
Relative humidity change rate	±1% / h (±4% / 8 h)	±1% / h (±4% / 8 h)

Repeatability is expressed as a standard deviation from 10 cycles of mass standard weighing. Stabilization time dependson 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)

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 (Additional Fee)

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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