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

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


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.F1 Microbalance	MYA 5.5Y.F.A Microbalance
Metrological parameters		
Maximum capacity [Max]	5,1 g	5,1 g
Minimum load	-	-
Readability [d]	1 µg	1 µg
Verification scale interval [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" touchscreen	10" touchscreen
Delivery components	Microbalance, terminal, weighing pan, weighing pan for filters, centring ring, power supply, pincette, brush, fabric dust cover.	Microbalance, terminal, weighing pan, weighing pan for filters, centring ring, glass lid, power supply, pincette, brush, fabric dust cover.
Weighing chamber dimensions	Ø 168×35 mm	Ø 93,8×35 mm
Weighing pan dimensions	ø160 + ø26 mm	ø70 + ø16 mm
Packaging dimensions	655×755×445 mm	492×595×750 mm
Net weight	10,2 kg	10,2 kg
Gross weight	14,7 kg	16 kg
Communication interface		
Communication interface	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	USB-A ×2, 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

Antivibration Tables
Barcode scanners
Anti-Draft Chamber for Microbalances
Filter Chamber Tray
Professional weighing table
Antistatic ionizer
Protective cover for balances
USB Hubs
Label Printers
THBR 2.0 System - Ambient Conditions Monitoring
Receipt Printer
Fingerprint Reader
RS 232 – USB Converter
RS 232, RS 485 cables

Software

RAD-KEY
LabVIEW Driver
RADWAG Remote Desktop
Scales Editor 2.1
E2R System
Audit Trail Reader
Label Editor R02
R-LAB
RADWAG Development Studio
R.Barcode