radwag.com

MYA 5.5Y.F1 Microbalance

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

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
Metrological parameters	
Maximum capacity [Max]	5,1 g
Minimum load	0,1 mg
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^{-6}/Year×Rt
Stabilization time	max 8 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	automatyczny - Reflex Level System
Display	10" graphic colour touchscreen
Weighing chamber doors	manual
Delivery components	Microbalance, terminal, weighing pan, weighing pan for filters, centring ring, power supply, pincette, brush, fabric dust cover.
Weighing chamber dimensions	Ø 168×35 mm
Weighing pan dimensions	ø160 + ø26 mm
Packaging dimensions	755×655×455 mm
Net weight	10,2 kg
Gross weight	14,7 kg
Communication interface	
Communication interface	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*
Environmental conditions	
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
Professional Weighing Tables
Antistatic ionizer
Protective cover for balances
Barcode scanners
RS 232, RS 485 cables
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
Scales Editor 2.1
RAD-KEY
RADWAG Remote Desktop
RADWAG Development Studio