radwag.com

MYA 11/52.5Y Microbalance

More information on the website
radwag.com/en/info,w1,AZ3



MYA 11/52.5Y 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 11/52.5Y Microbalance
Metrological parameters	
Maximum capacity [Max]	11 / 52 g
Minimum load	0,1 mg
Readability [d]	1 / 10 µg
Verification unit [e]	1 mg
Tare range	-52 g
Standard repeatability [5% Max]	1,5 µg
Standard repeatability [Max]	10 µg
Standard minimum weight (USP)	3 mg
Standard minimum weight (U=1%, k=2)	0,3 mg
Permissible repeatability [5% Max]	2,7 µg
Permissible repeatability [Max]	15 µg
Linearity	±10 / 30 µg
Eccentric load deviation	6 / 10 µg
Sensitivity time drift	1×10^{-6}/Year×Rt
Stabilization time	3,5 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	automatic – Reflex Level System
Display	10" graphic colour touchscreen
Weighing chamber doors	automatic
Delivery components	Microbalance, terminal, weighing pan, weighing pan shield, glass lid, power supply, pincette, brush, fabric dust cover.
Weighing chamber dimensions	ø 90×90 mm
Weighing pan dimensions	ø26 + ø40 mm
Packaging dimensions	750×492×595 mm
Net weight	10 kg
Gross weight	16,6 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 / 1 h (±1 °C / 8 h)
Relative humidity	40% – 80%
Relative humidity change rate	±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.

* 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
Chamber for filter weighing
Weighing dishes
Receipt Printer
Fingerprint Reader
Protective cover for balances
RS 232 – USB Converter

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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