

























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

MYA 5.5Y.F1 Microbalance



MYA 5.5Y.F1 Microbalance

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 |  Automatic sliding door |  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	-
Readability [d]	1 µg
Tare range	-5,1 g
Verification scale interval [e]	1 mg
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	$1 \times 10^{-6} / \text{Year} \times \text{Rt}$
Stabilization time	max 8 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Levelling system	automatic - Reflex Level System
Display	10" touchscreen
Weighing chamber dimensions	Ø 168×35 mm
Weighing pan dimensions	Ø160 + Ø26 mm
Packaging dimensions	655×755×445 mm
Net weight	10,2 kg
Gross weight	14,7 kg
Communication interface	
Communication interface	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*
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.



Accessories

Granite Antivibration Tables
Barcode scanners
USB Hubs

Fingerprint Reader
RS 232 – USB Converter
Professional weighing table

Software

RAD-KEY

RADWAG Development Studio