radwag.com

MYA 5.5Y.F.A Microbalance

More information on the website
radwag.com/us/info,w1,0FJ

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

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	automatic – Reflex Level System
Display	10" graphic colour touchscreen
Weighing chamber doors	automatic
Delivery components	Microbalance, terminal, weighing pan, weighing pan for filters, centring ring, glass lid, power supply, pincette, brush, fabric dust cover.
Weighing chamber dimensions	ø 93,8×35 mm
Weighing pan dimensions	ø70 + ø16 mm
Packaging dimensions	750×492×595 mm
Net weight	10,2 kg
Gross weight	15,5 kg
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*
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
Protective cover for balances
Barcode scanners
RS 232, RS 485 cables
Label Printers

Additional modules
Anti-Draft Chamber for Microbalances
Filter Chamber Tray
Professional Weighing Tables
Antistatic ionizer

THBR 2.0 System - Ambient Conditions Monitoring
RS 232, RS 485 cables
Receipt Printer
Fingerprint Reader
RS 232 – USB Converter

Software

- E2R Weighing [WX-010-0099]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- RADWAG Development Studio [WX-010-0104]
- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- Scale Editor - EWAG 2.1 [WX-010-0173]

Device dimensions