



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

MYA 5.5Y.F1 Microbalance

WL-109-0025



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

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

Metrological parameters	
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	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 W x D x H	755×655×455 mm
Net weight	10.2 kg
Gross weight	14.7 kg
Construction	
Protection class	IP 43
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), 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 depends on 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.



Additional fee for verification



Accessories (Additional Fee)

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 (Additional Fee)

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- Scale Editor 2.1 [WX-010-0173]

- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- RADWAG Development Studio [WX-010-0104]