



More information on the website
radwag.com/us/info,w1,89D






















MYA 5.5Y Microbalance

WL-109-0006



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

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	±3 µg
Eccentric load deviation	5 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 mm
Packaging dimensions	750×492×595 mm
Net weight	9,1 kg
Gross weight	16 kg

Construction

Protection class	IP 43
Communication interface	2×USB-A, USB-C, RS 232 (COM3), 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 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)

RFID Tags

Antivibration tables

Power Adapters

Additional modules

Professional Weighing Tables

Antistatic ionizer

Protective cover for balances

Barcode scanners

RS 232, RS 485 cables

Chamber for filter weighing

THBR 2.0 System - Ambient Conditions Monitoring

Weighing dishes

Receipt Printer

Protective cover for balances

RS 232 – USB Converter

RS 232, RS 485 cables

Software (Additional Fee)

• 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

