



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

MYA 0.8/3.5Y 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
-  Moveable range
-  Differential weighing
-  Ambient conditions monitoring
-  Statistical Quality Control
-  Packaged Goods Control
-  ALIBI Memory
-  Wi-Fi

Datasheet

Metrological parameters

Maximum capacity [Max]	0.8/3 g
Minimum load	0.1 mg

Metrological parameters	
Readability [d]	1/10 µg
Verification unit [e]	1 mg
Tare range	-3 g
Standard repeatability [5% Max]	0.6 µg
Standard repeatability [Max]	4.1 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]	6 µg
Linearity	±3/10 µg
Eccentric load deviation	3/10 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" 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	ø90×90 mm
Weighing pan dimensions	ø16 + ø60 mm
Packaging dimensions	750×492×595 mm
Net weight	9.1 kg
Gross weight	16.6 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 change rate	±1%/h (±4%/8h)
Relative humidity	40% – 80%

* 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

- IM02.1 (MediaBox) Communication Module [WX-016-0303]

RFID Tags

- RFID Tag [WX-015-0330]

Antivibration Tables

- SAL/STONE/H Stainless Steel Antivibration Table [WX-001-0079]
- SAL/H/PLUS Stainless Steel Laboratory Anti-Vibration Table for PLUS Series Balances [WX-001-0155]
- SAL/STONE/C Antivibration Table [WX-001-0078]
- SAL/C/PLUS Anti-Vibration Table for PLUS Series Balances [WX-001-0156]

Power Adapters

- ZR-04/1 Powerbank [WX-015-0329]
- ZR-03/1 Powerbank [WX-015-0319]

Barcode scanners

- PD9330-AR Barcode Scanner [WX-006-0030]
- PM9300-D Barcode Scanner [WX-006-0033]
- LS2208 Barcode Scanner [WX-006-0005]
- PD9531 Barcode Scanner [WX-006-0046]
- DS2208 Barcode Scanner [WX-006-0036]
- PM9300 Barcode Scanner [WX-006-0031]
- PM9300-DK Barcode Scanner [WX-006-0034]

Additional modules

- RES Radwag Extended SI Module (5Y, CY10) [WX-016-0315]
- 21 CFR Part 11 Compliance Module (4Y, 5Y, CY10) [WX-001-0133]

Anti-Draft Chamber for Microbalances

- Anti-Draft Chamber for Microbalances [WX-001-0117]

Professional weighing table

- PSW Professional Single Weighing Workstation [WX-001-0020]
- PSW/DUAL Professional Dual Weighing Workstation [WX-001-0402]

Protective cover for balances

- Hybrid Protective Glass 5Y, CY10 [WX-001-0435]

USB Hubs

- USB 3.0 Hub [WX-015-0286]

RS 232, RS 485 cables

- PT0454 Cable [WX-013-0240]
- PT0443 Cable [WX-013-0229]

THBR 2.0 System - Ambient Conditions Monitoring

- THB P Sensor [WX-016-0161]
- THB S Sensor [WX-016-0160]

Weighing dishes

- Weighing dishes for ultra-microbalances, microbalances and analytical balances [WX-001-0429]

RS 232, RS 485 cables

- PT0455 Cable [WX-013-0239]

Receipt Printer

- RTP-UEW80 Radwag Thermal Receipt Printer (USB + Ethernet + WiFi) [WX-007-0118]
- RTP-RU80 Radwag Thermal Receipt Printer (RS232 + USB) [WX-007-0119]

Protective cover for balances

- Fabric Dust Cover for MYA 5Y Balances [WX-001-0432]

RS 232 – USB Converter

- Moxa UPort 1110 Converter [WX-015-0278]

Software

- RAD Key [WX-010-0005]

- LabVIEW "Radwag Balances & Scale" Driver [WX-010-0105]

- RADWAG Remote Desktop [WX-010-0107]

- Scale Editor 2.1 [WX-010-0173]

- R-Barcode [WX-010-0109]

- Audit Trail Reader [WX-010-0186]

- Label Editor R02 [WX-010-0094]

- R-Lab [WX-010-0080]

- RADWAG Development Studio [WX-010-0104]

Device dimensions

