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[radwag.com/en/info,w1,ZOC](http://radwag.com/en/info,w1,ZOC)

# MYA 21.5Y 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
-  Differential weighing
-  Ambient conditions monitoring
-  Statistical Quality Control
-  Packaged Goods Control
-  ALIBI Memory
-  Wi-Fi

## Datasheet

### Metrological parameters

Maximum capacity [Max]	21 g
Minimum load	0.1 mg

<b>Metrological parameters</b>	
Readability [d]	1 µg
Verification unit [e]	1 mg
Tare range	-21 g
Standard repeatability [5% Max]	1 µg
Standard repeatability [Max]	3 µg
Standard minimum weight (USP)	2 mg
Standard minimum weight (U=1%, k=2)	0.2 mg
Permissible repeatability [5% Max]	1.6 µg
Permissible repeatability [Max]	4 µg
Linearity	±7 µg
Eccentric load deviation	7 µg
Sensitivity time drift	$1 \times 10^{-6} / \text{Year} \times R_t$
Stabilization time	max 10 s
Adjustment	internal (automatic)
OIML Class	I
<b>Physical parameters</b>	
Leveling system	automatic - Reflex Level System
Display	10" touchscreen
Weighing chamber doors	automatic
Delivery components	Mikrowaga, terminal, weighing pan, weighing pan shield, glass lid, power supply, pincette, brush, fabric dust cover.
Weighing chamber dimensions	ø90×90 mm
Weighing pan dimensions	ø26 mm
Packaging dimensions	750×492×595 mm
Net weight	9.1 kg
Gross weight	15.5 kg
<b>Communication interface</b>	
Communication interface	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
<b>Electrical parameters</b>	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2.4A Waga: 12 – 15V DC 1.4A max*
<b>Environmental conditions</b>	
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]

## Adapters for Pipettes Calibration

- MY11 Adapter for Pipettes calibration 11 ml [WX-001-0083]
- Suction pump for liquids [WX-001-0445]

## 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]

## Barcode scanners

- LS2208 Barcode Scanner [WX-006-0005]
- PM9501-433RBK20 Barcode Scanner [WX-006-0051]
- PD9531-K1 Barcode Scanner [WX-006-0046]
- DS2208 Barcode Scanner [WX-006-0036]
- PM9501-433RBK10 Barcode Scanner [WX-006-0045]
- PD9531-K2 Barcode Scanner [WX-006-0050]

## RS 232, RS 485 cables

- Cable to the ZR-03/1 and ZR-04/1 Powerbank [WX-013-0244]
- PT0455 Cable [WX-013-0239]

## 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]

## 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]

## Fingerprint Reader

## 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

