



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

MYA 5.5Y Microbalance, MYA 2.5Y Microbalance, MYA 0.8/3.5Y Microbalance



MYA 5.5Y Microbalance
MYA 2.5Y Microbalance
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



Differential weighing



Ambient conditions
monitoring



Statistical Quality Control



Packaged Goods Control



ALIBI Memory



Wi-Fi



Moveable range:
- MYA 0.8/3.5Y Microbalance

Datasheet

	MYA 0.8/3.5Y Microbalance	MYA 2.5Y Microbalance	MYA 5.5Y Microbalance
Metrological parameters			
Maximum capacity [Max]	0,8/3 g	2,1 g	5,1 g
Minimum load	0,1 mg	0,1 mg	0,1 mg
Readability [d]	1/10 µg	1 µg	1 µg
Verification unit [e]	1 mg	1 mg	1 mg
Tare range	-3 g	-2,1 g	-5,1 g
Standard repeatability [5% Max]	0,6 µg	0,41 µg	0,6 µg
Standard repeatability [Max]	4,1 µg	1 µg	1,6 µg
Standard minimum weight (USP)	1,2 mg	0,82 mg	1,2 mg
Standard minimum weight (U=1%, k=2)	0,12 mg	0,082 mg	0,12 mg
Permissible repeatability [5% Max]	1,2 µg	0,8 µg	1,2 µg
Permissible repeatability [Max]	6 µg	1,5 µg	2,4 µg
Linearity	±3/10 µg	±3 µg	±5 µg
Eccentric load deviation	3/10 µg	3 µg	5 µg
Sensitivity time drift	$1 \times 10^{-6} / \text{Year} \times \text{Rt}$	$1 \times 10^{-6} / \text{Year} \times \text{Rt}$	$1 \times 10^{-6} / \text{Year} \times \text{Rt}$
Stabilization time	max 8 s	max 8 s	max 8 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	I	I	I
Physical parameters			
Leveling system	automatic - Reflex Level System	automatic - Reflex Level System	automatic - Reflex Level System
Display	10" touchscreen	10" touchscreen	10" touchscreen
Delivery components	Microbalance, terminal, weighing pan, weighing pan shield, glass lid, power supply, pincette, brush, fabric dust cover.	Microbalance, terminal, weighing pan, weighing pan shield, glass lid, power supply, pincette, brush, fabric dust cover.	Microbalance, terminal, weighing pan, weighing pan shield, glass lid, power supply, pincette, brush, fabric dust cover.
Weighing chamber dimensions	ø90×90 mm	ø90×90 mm	ø90×90 mm
Weighing pan dimensions	ø16 + ø60 mm	ø16 mm	ø26 mm
Packaging dimensions	750×492×595 mm	750×492×595 mm	750×492×595 mm
Net weight	9,1 kg	9,1 kg	9,1 kg
Gross weight	16,6 kg	17 kg	16 kg
Communication interface			
Communication interface	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	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*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*	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	+10 – +40 °C	+10 – +40 °C
Operating temperature change rate	±0,3°C/1h (±1°C/8h)	±0,3°C/1h (±1°C/8h)	±0,3°C/1h (±1°C/8h)
Relative humidity	40% – 80%	40% – 80%	40% – 80%
Relative humidity change rate	±1%/h (±4%/8h)	±1%/h (±4%/8h)	±1%/h (±4%/8h)

* 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.

Accessories

Antivibration Tables
Barcode scanners
Professional weighing table
Protective cover for balances
Power Adapters
USB Hubs

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

Software

RAD-KEY
LabVIEW Driver
RADWAG Remote Desktop
Scales Editor 2.1
R.Barcode

Audit Trail Reader
Label Editor R02
R-LAB
RADWAG Development Studio

Device dimensions

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