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MYA 5.5Y Microbalance, MYA 11.1.5Y Microbalance, MYA 11/52.5Y Microbalance, MYA 2.5Y Microbalance, MYA 21/52.5Y Microbalance, MYA 11.5Y Microbalance, MYA 31.5Y Microbalance, MYA 6.5Y Microbalance, MYA 0.8/3.5Y Microbalance, MYA 21.5Y Microbalance

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



MYA 5.5Y Microbalance
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MYA 2.5Y Microbalance
MYA 21/52.5Y Microbalance
MYA 11.5Y Microbalance
MYA 31.5Y Microbalance
MYA 6.5Y Microbalance
MYA 0.8/3.5Y Microbalance
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
- 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	1×10^{-6}/Year×Rt	1×10^{-6}/Year×Rt	1×10^{-6}/Year×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
Weighing chamber doors	automatic	automatic	automatic
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	16,5 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 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.

Datasheet

	MYA 6.5Y Microbalance	MYA 11/52.5Y Microbalance	MYA 11.5Y Microbalance
Metrological parameters			
Maximum capacity [Max]	6,1 g	11/52 g	11 g
Minimum load	0,1 mg	0,1 mg	0,1 mg
Readability [d]	1 µg	1/10 µg	1 µg
Verification unit [e]	1 mg	1 mg	1 mg
Tare range	-6,1 g	-52 g	-11 g
Standard repeatability [5% Max]	0,6 µg	1,5 µg	0,9 µg
Standard repeatability [Max]	1,6 µg	10 µg	2,5 µg
Standard minimum weight (USP)	1,2 mg	3 mg	1,8 mg
Standard minimum weight (U=1%, k=2)	0,12 mg	0,3 mg	0,18 mg
Permissible repeatability [5% Max]	1,2 µg	2,7 µg	1,6 µg
Permissible repeatability [Max]	2,4 µg	15 µg	3,5 µg
Linearity	±5 µg	±10/30 µg	±6 µg
Eccentric load deviation	5 µg	6/10 µg	6 µg
Sensitivity time drift	1×10^{-6}/Year×Rt	1×10^{-6}/Year×Rt	1×10^{-6}/Year×Rt
Stabilization time	max 8 s	max 10 s	max 10 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
Weighing chamber doors	automatic	automatic	automatic
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	ø26 mm	ø26 + ø40 mm	ø26 mm
Packaging dimensions	750×492×595 mm	750×492×595 mm	750×492×595 mm
Net weight	9,1 kg	10 kg	9,1 kg
Gross weight	15,5 kg	16,6 kg	15,5 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 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.

Datasheet

	MYA 11.1.5Y Microbalance	MYA 21.5Y Microbalance	MYA 21/52.5Y Microbalance
Metrological parameters			
Maximum capacity [Max]	11 g	21 g	21/52 g
Minimum load	0,1 mg	0,1 mg	0,1 mg
Readability [d]	1 µg	1 µg	1/10 µg
Verification unit [e]	1 mg	1 mg	1 mg
Tare range	-11 g	-21 g	-52 g
Standard repeatability [5% Max]	0,45 µg	1 µg	1,5 µg
Standard repeatability [Max]	2,5 µg	3 µg	10 µg
Standard minimum weight (USP)	0,9 mg	2 mg	3 mg
Standard minimum weight (U=1%, k=2)	0,09 mg	0,2 mg	0,3 mg
Permissible repeatability [5% Max]	1,6 µg	1,6 µg	2,7 µg
Permissible repeatability [Max]	3,5 µg	4 µg	15 µg
Linearity	±6 µg	±7 µg	±10/30 µg
Eccentric load deviation	6 µg	7 µg	6/10 µg
Sensitivity time drift	1×10^{-6}/Year×Rt	1×10^{-6}/Year×Rt	1×10^{-6}/Year×Rt
Stabilization time	max 10 s	max 10 s	max 10 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
Weighing chamber doors	automatic	automatic	automatic
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 mm	ø26 mm	ø26 + ø40 mm
Packaging dimensions	750×492×595 mm	750×492×595 mm	750×492×595 mm
Net weight	9,1 kg	9,1 kg	10,17 kg
Gross weight	15,5 kg	15,5 kg	16,6 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 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.

Datasheet

	MYA 31.5Y Microbalance
Metrological parameters	
Maximum capacity [Max]	31 g
Minimum load	0,1 mg
Readability [d]	1 µg
Verification unit [e]	1 mg
Tare range	-31 g
Standard repeatability [5% Max]	1,2 µg
Standard repeatability [Max]	4,5 µg
Standard minimum weight (USP)	2,4 mg
Standard minimum weight (U=1%, k=2)	0,24 mg
Permissible repeatability [5% Max]	2,5 µg
Permissible repeatability [Max]	6,5 µg
Linearity	±8 µg
Eccentric load deviation	8 µg
Sensitivity time drift	1×10^{-6}/Year×Rt
Stabilization time	max 10 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	ø26 mm
Packaging dimensions	750×492×595 mm
Net weight	9,1 kg
Gross weight	15,5 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)

* 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
RFID Tags
Antivibration Tables
Power Adapters
Adapters for Pipettes Calibration
Additional modules
Anti-Draft Chamber for Microbalances
Professional weighing table
Protective cover for balances
Barcode scanners

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

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

MYA 5.5Y Microbalance, MYA 11.1.5Y Microbalance, MYA 11/52.5Y Microbalance, MYA 2.5Y Microbalance, MYA 21/52.5Y Microbalance, MYA 11.5Y Microbalance, MYA 31.5Y Microbalance, MYA 6.5Y Microbalance, MYA 0.8/3.5Y Microbalance, MYA 21.5Y Microbalance

