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



MYA 5.5Y Microbalance
 MYA 11/52.5Y Microbalance
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 MYA 31.5Y Microbalance
 MYA 6.5Y Microbalance
 MYA 0.8/3.5Y Microbalance
 MYA 21.5Y Microbalance

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 |  Automatic sliding door |  Density determination |
|  Differential weighing |  Ambient conditions monitoring |  Statistical Quality Control |  Packaged Goods Control |
|  ALIBI Memory |  Wi-Fi | | |

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 scale interval [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			
Levelling system	automatic - Reflex Level System	automatic - Reflex Level System	automatic - Reflex Level System
Display	10" touchscreen	10" touchscreen	10" touchscreen
Weighing chamber dimensions	ø90×90 mm	ø90×90 mm	ø90×90 mm
Weighing pan dimensions	ø16 + ø60 mm	ø16 mm	ø26 mm
Packaging dimensions	655×755×445 mm	655×755×445 mm	655×755×445 mm
Net weight	9,1 kg	9,1 kg	9,1 kg
Gross weight	16,6 kg	16,6 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	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.

Datasheet

	MYA 6.5Y Microbalance	MYA 11.5Y Microbalance	MYA 11/52.5Y Microbalance
Metrological parameters			
Maximum capacity [Max]	6,1 g	11 g	11/52 g
Minimum load	-	0,1 mg	0,1 mg
Readability [d]	1 µg	1 µg	1 µg
Verification scale interval [e]	1 mg	1 mg	1 mg
Tare range	-6,1 g	-11 g	-52 g
Standard repeatability [5% Max]	0,6 µg	0,45 µg	1,5 µg
Standard repeatability [Max]	1,6 µg	2,5 µg	10 µg
Standard minimum weight (USP)	1,2 mg	0,9 mg	3 mg
Standard minimum weight (U=1%, k=2)	0,12 mg	0,09 mg	0,3 mg
Permissible repeatability [5% Max]	1,2 µg	1,6 µg	2,7 µg
Permissible repeatability [Max]	2,4 µg	3,5 µg	15 µg
Linearity	±5 µg	±6 µg	±10/30 µg
Eccentric load deviation	5 µg	6 µg	6/10 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 10 s	max 10 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	I	I	I
Physical parameters			
Levelling system	automatic - Reflex Level System	automatic - Reflex Level System	automatic - Reflex Level System
Display	10" touchscreen	10" touchscreen	10" touchscreen
Weighing chamber dimensions	ø90×90 mm	ø90×90 mm	ø90×90 mm
Weighing pan dimensions	ø26 mm	ø26 mm	ø26 + ø40 mm
Packaging dimensions	655×755×445 mm	655×755×445 mm	655×755×445 mm
Net weight	9,1 kg	9,1 kg	9,1 kg
Gross weight	16,6 kg	16,6 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	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.

Datasheet

	MYA 21.5Y Microbalance	MYA 21/52.5Y Microbalance	MYA 31.5Y Microbalance
Metrological parameters			
Maximum capacity [Max]	21 g	21/52 g	31 g
Minimum load	0,1 mg	0,1 mg	0,1 mg
Readability [d]	1 µg	1/10 µg	1 µg
Verification scale interval [e]	1 mg	1 mg	1 mg
Tare range	-21 g	-52 g	-31 g
Standard repeatability [5% Max]	1 µg	1,5 µg	1,2 µg
Standard repeatability [Max]	3 µg	10 µg	4,5 µg
Standard minimum weight (USP)	2 mg	3 mg	2,4 mg
Standard minimum weight (U=1%, k=2)	0,2 mg	0,3 mg	0,24 mg
Permissible repeatability [5% Max]	1,6 µg	2,7 µg	2,5 µg
Permissible repeatability [Max]	4 µg	15 µg	6,5 µg
Linearity	±7 µg	±10/30 µg	±8 µg
Eccentric load deviation	7 µg	6/10 µg	8 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 10 s	max 10 s	max 10 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	I	I	I
Physical parameters			
Levelling system	automatic - Reflex Level System	automatic - Reflex Level System	automatic - Reflex Level System
Display	10" touchscreen	10" touchscreen	10" touchscreen
Weighing chamber dimensions	ø90×90 mm	ø90×90 mm	ø90×90 mm
Weighing pan dimensions	ø26 mm	ø26 + ø40 mm	ø26 mm
Packaging dimensions	655×755×445 mm	655×755×445 mm	655×755×445 mm
Net weight	9,1 kg	9,1 kg	9,1 kg
Gross weight	16,6 kg	16,6 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	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
USB Hubs

THBR 2.0 System - Ambient Conditions Monitoring
Fingerprint Reader
RS 232 – USB Converter

Software

RAD-KEY
LabVIEW Driver
RADWAG Remote Desktop
RADWAG Development Studio

Audit Trail Reader
Label Editor R02
R-LAB
R.Barcode

Device dimensions

MYA 5.5Y 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

