UYA 6.5Y Ultra-Microbalance, UYA 2.5Y Ultra-Microbalance

More information on the website
radwag.com/en/info,w1,3L0

UYA 6.5Y Ultra-Microbalance
UYA 2.5Y Ultra-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

	UYA 2.5Y Ultra-Microbalance	UYA 6.5Y Ultra-Microbalance
Metrological parameters		
Maximum capacity [Max]	2,1 g	6,1 g
Minimum load	0,01 mg	0,01 mg
Readability [d]	0,1 µg	0,1 µg
Verification unit [e]	1 mg	1 mg
Tare range	-2,1 g	-6,1 g
Standard repeatability [5% Max]	0,15 µg	0,2 µg
Standard repeatability [Max]	0,35 µg	0,45 µg
Standard minimum weight (USP)	0,3 mg	0,4 mg
Standard minimum weight (U=1%, k=2)	0,03 mg	0,04 mg
Permissible repeatability [5% Max]	0,35 µg	0,4 µg
Permissible repeatability [Max]	0,6 µg	0,8 µg
Linearity	±1,5 µg	±1,5 µg
Eccentric load deviation	1,5 µg	1,5 µg
Sensitivity time drift	1×10^{-6}/Year×Rt	1×10^{-6}/Year×Rt
Stabilization time	10 - 20 s	10 - 20 s
Adjustment	internal (automatic)	internal (automatic)
OIML Class	I	I
Physical parameters		
Leveling system	automatic – Reflex Level System	automatic – Reflex Level System
Display	10" graphic colour touchscreen	10" graphic colour touchscreen
Delivery components	Ultra-microbalance, terminal, weighing pan, weighing pan shield, glass lid, power supply, anti-draft shield, pincette, brush, fabric dust cover.	Ultra-microbalance, terminal, weighing pan, weighing pan shield, glass lid, power supply, anti-draft shield, pincette, brush, fabric dust cover.
Weighing chamber dimensions	ø 90×90 mm	ø 90×90 mm
Weighing pan dimensions	ø16 mm	ø16 mm
Anti-draft chamber dimensions	560×350×252 mm	560×350×252 mm
Packaging dimensions	750×492×595 mm	750×492×595 mm
Net weight	9,1 kg	9,1 kg
Gross weight	16,5 kg	16,6 kg
Communication interface		
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, 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*
Environmental conditions		
Operating temperature	+10 – +40 °C	+10 – +40 °C
Operating temperature change rate	±0,3 °C / 1 h (±1 °C / 8 h)	±0,3 °C / 1 h (±1 °C / 8 h)
Relative humidity	40% – 80%	40% – 80%
Relative humidity change rate	±1% / h (±4% / 8 h)	±1% / h (±4% / 8 h)

Repeatability is expressed as a standard deviation from 10 cycles of mass standard weighing. Stabilization time dependson the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile. * The power supply can be connected to the socket on the back of the balance housing or to the terminal.

Additional fee for verification

Accessories (Additional Fee)

MediaBox
RFID Tags
Antivibration Tables
Power Adapters
Additional modules
Professional Weighing Tables
Antistatic ionizer
Protective cover for balances
Barcode scanners
RS 232, RS 485 cables
Label Printers
Chamber for filter weighing
THBR 2.0 System - Ambient Conditions Monitoring
RS 232, RS 485 cables
Weighing dishes
Receipt Printer
Fingerprint Reader
Protective cover for balances

Software (Additional Fee)

E2R System
Label Editor R02
R-LAB
RADWAG Development Studio
RAD-KEY
RADWAG Remote Desktop
Scales Editor 2.1

Device dimensions

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