radwag.com

UYA 6.5Y Ultra-Microbalance

More information on the website
radwag.com/en/info,w1,36D



UYA 6.5Y 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 6.5Y Ultra-Microbalance
Metrological parameters	
Maximum capacity [Max]	6,1 g
Minimum load	0,01 mg
Readability [d]	0,1 µg
Verification unit [e]	1 mg
Tare range	-6,1 g
Standard repeatability [5% Max]	0,2 µg
Standard repeatability [Max]	0,45 µg
Standard minimum weight (USP)	0,4 mg
Standard minimum weight (U=1%, k=2)	0,04 mg
Permissible repeatability [5% Max]	0,4 µg
Permissible repeatability [Max]	0,8 µg
Linearity	±1,5 µg
Eccentric load deviation	1,5 µg
Sensitivity time drift	1×10^{-6}/Year×Rt
Stabilization time	10 - 20 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	automatic - Reflex Level System
Display	10" touchscreen
Delivery components	Ultra-microbalance, terminal, weighing pan, weighing pan shield, glass lid, power supply, anti-draft shield, pincette, brush, fabric dust cover.
Weighing chamber dimensions	ø90×90 mm
Weighing pan dimensions	ø16 mm
Packaging dimensions	750×492×595 mm
Net weight	9,1 kg
Gross weight	16,6 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
Additional modules
Professional weighing table
Protective cover for balances
Barcode scanners
RS 232, RS 485 cables

Label Printers
RS 232, RS 485 cables
Chamber for filter weighing
THBR 2.0 System - Ambient Conditions Monitoring
Weighing dishes
Receipt Printer
Fingerprint Reader
Protective cover for balances

Software

RAD-KEY
LabVIEW Driver
R-LAB
RADWAG Development Studio

Audit Trail Reader
RADWAG Remote Desktop
Scales Editor 2.1

Device dimensions

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