radwag.com

UYA 2.5Y Ultra-Microbalance

WL-109-0001

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

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

Metrological parameters	
Maximum capacity [Max]	2.1 g
Minimum load	0.01 mg

Metrological parameters	
Readability [d]	0.1 µg
Verification unit [e]	1 mg
Tare range	-2.1 g
Minimum weight (USP)	0.3 mg
Minimum weight (U=1%, k=2)	0.03 mg
Standard repeatability [5% Max]	0.15 µg
Permissible repeatability [5% Max]	0.35 µg
Linearity	±1.5 µg
Eccentric load deviation	1.5 µg
Sensitivity time drift	1×10^{-6}/Year×Rt
Stabilization time	4 – 12 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	automatic – Reflex Level System
Display	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.
Weighing chamber dimensions	ø 90×90 mm
Weighing pan dimensions	ø16 mm
Anti-draft chamber dimensions	560×350×252 mm
Packaging dimensions W x D x H	750×492×595 mm
Net weight	10.6 kg
Gross weight	16.5 kg
Construction	
Protection class	IP 43
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A Max; 15V DC 2.4A Balance: 12 – 15V DC 1.4A max; 9 – 17W*
Environmental conditions	
Operating temperature	+10 – +40 °C
Operating temperature change rate	±0.3 °C / 1 h (±1 °C / 8 h)
Relative humidity	40% – 80%
Relative humidity change rate	±1% / h (±4% / 8 h)

Standard repeatability [5% Max], **Standard repeatability [Max]** and **Standard minimum weight (USP)** are parameters obtained in automatic mode under special laboratory conditions.
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.
***** Power consumption depends on the terminal configuration as well as the number and type of external devices connected.
The power supply can be connected to the socket on the back of the balance housing or to the terminal.

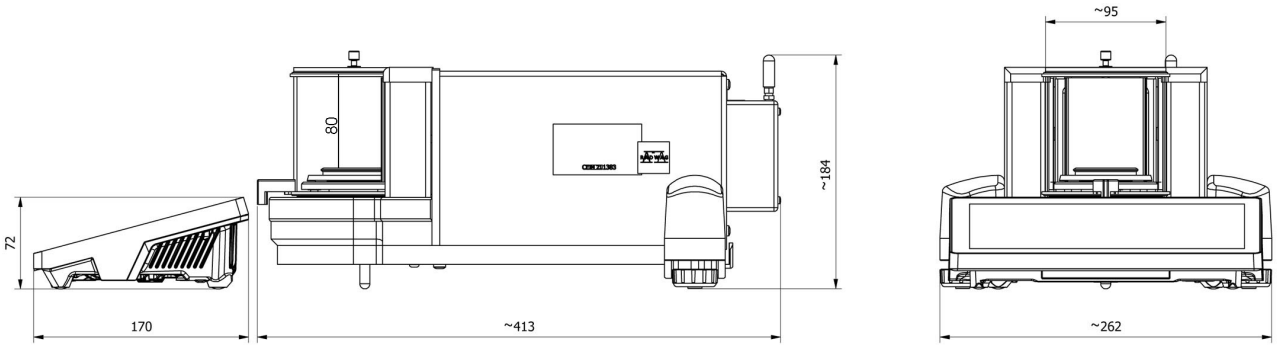
* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.

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

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]

Device dimensions W x D x H