



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

UYA 2.5Y Ultra-Microbalance



UYA 2.5Y Ultra-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



Density determination



Differential weighing



Ambient conditions monitoring



Statistical Quality Control



Packaged Goods Control



ALIBI Memory



Wi-Fi

Datasheet

	UYA 2.5Y Ultra-Microbalance
Metrological parameters	
Maximum capacity [Max]	2,1 g
Minimum load	0,01 mg
Readability [d]	0,1 µg
Verification scale interval [e]	1 mg
Tare range	-2,1 g
Standard repeatability [5% Max]	0,15 µg
Standard repeatability [Max]	0,35 µg
Standard minimum weight (USP)	0,3 mg
Standard minimum weight (U=1%, k=2)	0,03 mg
Permissible repeatability [5% Max]	0,35 µg
Permissible repeatability [Max]	0,6 µg
Linearity	±1,5 µg
Eccentric load deviation	1,5 µg
Sensitivity time drift	$1 \times 10^{-6} / \text{Year} \times R_t$
Stabilization time	10 - 20 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	automatic - Reflex Level System
Display	10" touchscreen
Weighing chamber dimensions	ø90×90 mm
Weighing pan dimensions	ø16 mm
Packaging dimensions	655×755×445 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	40% – 80%
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.



Accessories

Antivibration Tables
Professional weighing table
Barcode scanners

THBR 2.0 System - Ambient Conditions Monitoring
Weighing dishes
Fingerprint Reader

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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