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[mirror.radwag.com/us/info,w1,MIA](http://mirror.radwag.com/us/info,w1,MIA)















# UYA 2.5Y.F Ultra-Microbalance

WL-109-0003



The drawings, photos and graphics used are for illustrative purposes only.

## Functions

-  Autotest
-  Percent Weighing
-  Peak hold
-  Statistics
-  IR sensors
-  GLP Procedures
-  Air density correction
-  Moveable range
-  Differential weighing
-  Ambient conditions monitoring
-  Replaceable unit
-  Statistical Quality Control
-  ALIBI Memory
-  Wi-Fi

## Datasheet

Metrological parameters	
Maximum capacity [Max]	2,1 g
Minimum load	0,01 mg
Readability [d]	0,1 µg
Verification unit [e]	1 mg
Tare range	-2,1 g
Minimum weight (USP)	0,3 mg

<b>Metrological parameters</b>	
Minimum weight (U=1%, k=2)	0,03 mg
Standard repeatability [Max]	0,35 µg
Standard repeatability [5% Max]	0,15 µg
Permissible repeatability [Max]	0,6 µg
Permissible repeatability [5% Max]	0,35 µg
Linearity	±1,5 µg
Eccentric load deviation	1,5 µg
Sensitivity time drift	1×10 <sup>-6</sup> /Year×Rt
Stabilization time	4 – 12 s
Adjustment	internal (automatic)
OIML Class	I
<b>Physical parameters</b>	
Leveling system	automatic – Reflex Level System
Display	10" graphic colour touchscreen
Delivery components	Ultra-microbalance, terminal, weighing pan, weighing pan for filters, centring ring, glass lid, pincette, brush, fabric dust cover.
Weighing chamber dimensions	ø 93,8×35 mm
Weighing pan dimensions	ø70 + 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
<b>Construction</b>	
Protection class	IP 43
<b>Communication interface</b>	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
<b>Electrical parameters</b>	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A Max; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max; 9 – 17W*
<b>Environmental conditions</b>	
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)

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



Additional fee for verification



## Accessories (Additional Fee)

MediaBox

Protective cover for balances

RFID Tags  
Antivibration tables  
Power Adapters  
Additional modules  
Professional Weighing Tables  
Antistatic ionizer

Barcode scanners  
RS 232, RS 485 cables  
Label Printers  
THBR 2.0 System - Ambient Conditions Monitoring  
Receipt Printer  
Fingerprint Reader

## Software (Additional Fee)

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

## Device dimensions W x D x H

