

















More information on the website
radwag.com/us/info,w1,MIA

UYA 2.5Y.F Ultra-Microbalance



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

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
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	1×10 ⁻⁶ /Year×Rt
Stabilization time	10 - 20 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	automatic – Reflex Level System
Display	10" 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	750×492×595 mm
Net weight	9,1 kg
Gross weight	16,5 kg
Communication interface	
	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Power supply	
	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*
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.



Extra payment for verification



Accessories

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

Software

- E2R Weighing [WX-010-0099]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- RADWAG Development Studio [WX-010-0104]
- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- Scale Editor - EWAG 2.1 [WX-010-0173]

Device dimensions

