



More information on the website
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

| | |
|---------------------------------|---------|
| 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 | 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 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 |
| Construction | |
| Protection class | IP 43 |
| Communication interface | 2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot |
| Power supply | Adapter: 100 – 240V AC 50/60Hz 1A Max; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max; 9 – 17W* |
| 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
RFID Tags
Antivibration tables
Power Adapters

Protective cover for balances
Barcode scanners
RS 232, RS 485 cables
Label Printers

Additional modules
Professional Weighing Tables
Antistatic ionizer

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

