
























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

UYA 2.5Y.F Ultra-Microbalance



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 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	1×10 ⁻⁶ /Year×Rt
Stabilization time	10 - 20 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	automatic - Reflex Level System
Display	10" 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
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
Protective cover for balances
Barcode scanners
Label Printers

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

Software

RAD-KEY
LabVIEW Driver
R-LAB
RADWAG Development Studio

Audit Trail Reader
RADWAG Remote Desktop
Scales Editor 2.1