radwag.com

UYA 6.4Y Ultra-Microbalance

More information on the website
radwag.com/en/info,w1,71E

Functions

- Autotest
- Dosing
- Percent Weighing
- Parts counting
- Formulation
- Newton unit measurement
- Statistics
- Checkweighing
- IR sensors
- GLP Procedures
- Animal weighing
- Air density correction
- Automatic sliding door
- Differential weighing
- Ambient conditions monitoring
- Replaceable unit
- Statistical Quality Control
- Wi-Fi

Datasheet

Metrological parameters	
Maximum capacity [Max]	6,1 g
Minimum load	10 µg
Readability [d]	0,1 µg
Tare range	-6,1 g

Metrological parameters	
Verification scale interval [e]	1 mg
Standard repeatability [5% Max]	0,2 µg
Standard repeatability [Max]	0,45 µg
Permissible repeatability [5% Max]	0,4 µg
Permissible repeatability [Max]	0,8 µg
Linearity	±1,5 µg
Eccentric load deviation	1,5 µg
Stabilization time	10 - 20 s
Adjustment	internal (automatic)
OIML Class	I
Standard minimum weight (USP)	0,4 mg
Standard minimum weight (U=1%, k=2)	0,04 mg
Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5,7” resistive colour touchscreen
Weighing chamber dimensions	ø90×90 mm
Weighing pan dimensions	ø16 mm
Packaging dimensions	660×660×455 mm
Net weight	9,1 kg
Gross weight	16,6 kg
Communication interface	
Communication interface	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi
Electrical parameters	
Power supply	100 ÷ 240 V AC 50 / 60 Hz
Power consumption max.	10 W
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)

Repeatability is expressed as a standard deviation from 10 weighing cycles.
Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.

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

Accessories

Receipt Printer
Granite Antivibration Tables
Barcode scanners
Label Printers
THBR 2.0 System - Ambient Conditions Monitoring
Antivibration Tables for Laboratory Balances
Protective cover for balances
RS 232, RS 485 cables

Power Adapters
Antistatic ionizer
USB Hubs
Chamber for filter weighing

RS 232 – USB Converter
Displays
RS 232 cables (scale - EPSON printer)

Software

RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
E2R System

Audit Trail Reader
RADWAG Connect
RADWAG Remote Desktop
RADWAG Development Studio
R.Barcode

Device dimensions