



More information on the website
radwag.com/en/info,w1,LR2

UYA 6.5Y.KO Mass Comparator



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

Datasheet

Metrological parameters	
E1 Calibration Range	1 mg ÷ 5 g
E1 Calibration Range	1 mg ÷ 5 g
E2 Calibration Range	1 mg ÷ 5 g
F1 Calibration Range	1 mg ÷ 5 g
F2 Calibration Range	1 mg ÷ 5 g
M1 Calibration Range	1 mg ÷ 5 g
M2 Calibration Range	1 mg ÷ 5 g
Maximum capacity [Max]	6.1 g
Readability [d]	0.1 µg
Standard repeatability [5% Max]	0.2 µg
Standard repeatability [Max]	0.4 µg
Permissible repeatability	0.6 µg
Eccentricity (tested load)	1d / 1 mm
Electric compensation range	0 ÷ 6.1 g
Stabilization time	30 s

Metrological parameters	
Adjustment	internal (automatic)
Physical parameters	
Display	10" touchscreen
Weighing pan dimensions	ø16 mm
Weighing device dimensions	370×160×175 mm
Controlling device dimensions	249×170×72 mm
Anti-draft chamber dimensions	560×350×255 mm
Packaging dimensions	655×755×445 mm
Chamber packaging size	820×840×630 mm
Net weight	10.1 kg
Gross weight	16.5 kg
Supplementary weights internal	-
Supplementary weights external	-
Relative humidity	40% ÷ 60%
Communication interface	
Communication interface	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Environmental conditions	
Operating temperature	+15 ÷ +30 °C
Operating temperature change rate	±0.5°C/12h (±0.3°C/4h)
Relative humidity change rate	± 2 % / 4 h

Repeatability is expressed as a standard deviation determined for 6 ABBA cycles. Standard deviation is experimentally determined under ambient conditions for calibration of E1 class mass standards specified in OIML R111 (Table C.1.) document.

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



Accessories

RFID Tags	RS 232, RS 485 cables
Antivibration Tables	Label Printers
Additional modules	THBR 2.0 System - Ambient Conditions Monitoring
Professional Weighing Tables	Receipt Printer
Antistatic ionizer	Fingerprint Reader
Protective cover for balances	RS 232, RS 485 cables
Barcode scanners	RS 232 cables (scale - printer)

Software

• RAD Key [WX-010-0005]	• RMCS Lite [WX-010-0164]
• RMCS System Network Management of Calibration Process [WX-010-0048]	