



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

UYA 6.5Y.KO Mass Comparator

WL-408-0007



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 [Max]	0.4 µg
Standard repeatability [5% Max]	0.2 µg
Permissible repeatability	0.6 µg
Linearity	±3 µg
Eccentricity (tested load)	1d / 1 mm
Electric compensation range	0 – +6.1 g

Metrological parameters	
Stabilization time	30 s
Adjustment	internal (automatic)
Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	∅16 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 W x D x H	655×755×445 mm
Chamber packaging size	820×840×630 mm
Net weight	10.6 kg
Gross weight	16.5 kg
Construction	
Supplementary weights internal	-
Supplementary weights external	-
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Environmental conditions	
Operating temperature	+15 – +30 °C
Operating temperature change rate	±0.5 °C / 12 h (±0.3 °C / 4 h)
Relative humidity	40% – 60%
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.

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Accessories (Additional Fee)

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
Protective cover for balances	Fingerprint Reader
Barcode scanners	RS 232 cables (scale - printer)

Software (Additional Fee)

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