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RMCM 10.5Y Robotic Mass Comparator

WL-419-0009

More information on the website
mirror.radwag.com/en/info,w1,O4A



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

Datasheet

Metrological parameters	
E0 Calibration Range	0.05 mg – 10 g *
E1 Calibration Range	0.05 mg – 10 g
E2 Calibration Range	0.05 mg – 10 g
F1 Calibration Range	0.05 mg – 10 g
F2 Calibration Range	0.05 mg – 10 g
Maximum capacity [Max]	10.1 g
Readability [d]	0.1 µg
Standard repeatability [Max]	0.6 µg
Standard repeatability [5% Max]	0.25 µg
Permissible repeatability	0.8 µg
Linearity	±2 µg
Electric compensation range	0 – +10.1 g
Stabilization time	30 s
Adjustment	internal (automatic)

Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	24×50 mm
Device dimensions W x D x H	1112×958×1570 mm
Controling device dimensions	249×170×72 mm
Construction	
Supplementary weights	internal (automatic)
Magazine	120
Dimensions of the transport packaging W x D x H	1320x925x1050 mm
Mass of transport package	net: 227 kg; gross: 302 kg
Dimensions of the weighing module packaging	960x610x680 mm
Packing weight of weighing module	net: 24.5 kg; gross: 87.5 kg
Dimensions of weighing table packaging	1200x800x950 mm
Packing weight of weighing table	net: 285 kg; gross: 285 kg +pallet weight
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	110 – 240 V AC 50/60 Hz
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	±5% / 12 h (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.
***E0 standard** determined from 1/5 limiting error according to OIML R111 for class E1.

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



Accessories (Additional Fee)

RFID Tags
Additional modules
Protective cover for balances
Barcode scanners
RS 232, RS 485 cables
THBR 2.0 System - Ambient Conditions Monitoring
Receipt Printer
Fingerprint Reader
RS 232 cables (scale - printer)

Software (Additional Fee)

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

Device dimensions W x D x H



