radwag.com

RMC 100.5Y Robotic Mass Comparator

WL-419-0012

More information on the website
mirror.radwag.com/en/info,w1,808



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

Datasheet

Metrological parameters	
E0 Calibration Range	1 – 100 * g
E1 Calibration Range	1 – 100 g
E2 Calibration Range	1 – 100 g
F1 Calibration Range	1 – 100 g
F2 Calibration Range	1 – 100 g
Maximum capacity [Max]	110 g
Readability [d]	0.1 µg
Standard repeatability [Max]	0.8 µg
Standard repeatability [5% Max]	0.5 µg
Permissible repeatability	1 µg
Linearity	±10 µg
Electric compensation range	-1 g – +10 g
Stabilization time	30 s
Adjustment	internal (automatic)

Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	24×63 mm
Device dimensions W x D x H	2050×1070×1600 mm
Controling device dimensions	249×170×72 mm
Construction	
Supplementary weights	internal (automatic)
Magazine	100
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



