



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

RMC 100.5Y Robotic Mass Comparator



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

Datasheet

Metrological parameters	
E0 Calibration Range	1 g ÷ 100 g *
E1 Calibration Range	1 g ÷ 100 g
E2 Calibration Range	1 g ÷ 100 g
F1 Calibration Range	1 g ÷ 100 g
F2 Calibration Range	1 g ÷ 100 g
Maximum capacity [Max]	106 g
Readability [d]	0.1 µg
Standard repeatability [5% Max]	0.5 µg
Standard repeatability [Max]	0.8 µg
Permissible repeatability	1 µg
Electric compensation range	-1 g ÷ +6 g
Stabilization time	30 s
Adjustment	internal (automatic)
Physical parameters	
Display	10" graphic colour touchscreen

Physical parameters	
Magazine positions	100
Weighing pan dimensions	24×63 mm
Device dimensions	2050×1070×1600 mm
Controlling device dimensions	249×170×72 mm
Communication interface	
Communication interface	2×USB-A, USB-C, 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/12h (±0.3°C/4h)
Relative humidity	40% ÷ 60%
Relative humidity change rate	±5%/12h (2%/4h)

Repeatability is expressed as a standard deviation determined for 6 ABBA cycles.

* E0 standard determined from 1σ5 limiting error according to OIML R111 for class E1.

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



Accessories

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, RS 485 cables
 RS 232 cables (scale - printer)

Software

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

• RMCS Lite [WX-010-0164]

Device dimensions

