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[radwag.com/en/info,w1,GIM](http://radwag.com/en/info,w1,GIM)

# RMC 1000.5Y Robotic Mass Comparator



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

## Datasheet

Metrological parameters	
E0 Calibration Range	10 g – 1 kg *
E1 Calibration Range	10 g – 1 kg
E2 Calibration Range	10 g – 1 kg
F1 Calibration Range	10 g – 1 kg
F2 Calibration Range	10 g – 1 kg
Maximum capacity [Max]	1020 g
Readability [d]	1 µg
Standard repeatability [5% Max]	3 µg
Standard repeatability [Max]	4 µg
Permissible repeatability	6 µg
Electric compensation range	-10 g – +20 g
Stabilization time	30 s
Adjustment	external (automatic)
Physical parameters	
Display	10" graphic colour touchscreen

Physical parameters	
Weighing pan dimensions	100×45 mm
Device dimensions	1571×1013×1615 mm
Controlling device dimensions	249×170×72 mm
Magazine positions	40
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
Power consumption max.	200 W
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.

\* **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

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

