



More information on the website  
[mirror.radwag.com/en/info,w1,808](http://mirror.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 – 100 g
E2 Calibration Range	1 – 100 g
F1 Calibration Range	1 – 100 g
F2 Calibration Range	1 – 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	
Weighing pan dimensions	24×63 mm
Device dimensions	2050×1070×1600 mm
Controlling device dimensions	249×170×72 mm
Magazine positions	100
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 / 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 $\sigma$ 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

