



# RMCM 10.5Y Robotic Mass Comparator

More information on the website  
[radwag.com/en/info,w1,04A](http://radwag.com/en/info,w1,04A)



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 [5% Max]	0.25 µg
Standard repeatability [Max]	0.6 µg
Permissible repeatability	0.8 µg
Electric compensation range	0 ÷ 10.1 g
Stabilization time	30 s
Adjustment	internal (automatic)
Physical parameters	
Display	10" graphic colour touchscreen

Physical parameters	
Magazine positions	120
Weighing pan dimensions	24×50 mm
Device dimensions	1112×958×1570 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

