



RMCM 10.5Y Robotic Mass Comparator

More information on the website
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 | |
|-----------------------------------|--|
| Weighing pan dimensions | 24×50 mm |
| Device dimensions | 1112×958×1570 mm |
| Controlling device dimensions | 249×170×72 mm |
| Magazine positions | 120 |
| 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 σ 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

