



# RMC 20000.5Y Robotic Mass Comparator

WL-419-0015

More information on the website  
[radwag.com/en/info,w1,JQ4](http://radwag.com/en/info,w1,JQ4)



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

## Datasheet

| Metrological parameters         |                                |
|---------------------------------|--------------------------------|
| E0 Calibration Range            | 1 – 20 * kg                    |
| E1 Calibration Range            | 1 – 20 kg                      |
| E2 Calibration Range            | 1 – 20 kg                      |
| F1 Calibration Range            | 1 – 20 kg                      |
| F2 Calibration Range            | 1 – 20 kg                      |
| Maximum capacity [Max]          | 20.2 kg                        |
| Readability [d]                 | 0.1 mg                         |
| Standard repeatability [5% Max] | 0.15 mg                        |
| Standard repeatability [Max]    | 0.2 mg                         |
| Permissible repeatability       | 0.3 mg                         |
| Electric compensation range     | -50 g – +200 g                 |
| Stabilization time              | 30 s                           |
| Adjustment                      | internal (automatic)           |
| Physical parameters             |                                |
| Display                         | 10" graphic colour touchscreen |

| Physical parameters               |   |
|-----------------------------------|---|
| Weighing pan dimensions           | ∅190 mm - self centering                                      |
| Device dimensions                 | 2700×1400×2000 mm   |
| Controlling device dimensions     | 249×170×72 mm   |
| Magazine                          | 10  |
| Communication interface           |   |
| Communication interface           | 2×USB-A, USB-C, RS 232 (COM3), 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. Standard deviation is experimentally determined under ambient conditions for calibration of E1 class mass standards specified in OIML R111 (Table C.1.) document.

\***E0 standard** determined from 1∅5 limiting error according to OIML R111 for class E1.

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## Accessories (Additional Fee)

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 (Additional Fee)

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

- RMCS Lite [WX-010-0164]

## Device dimensions

