



More information on the website  
[mirror.radwag.com/us/info,w1,AUZ](http://mirror.radwag.com/us/info,w1,AUZ)

# UMA 5.5Y Automatic Mass Comparator

WL-415-0004



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

## Datasheet

|                                 |                      |
|---------------------------------|----------------------|
| E0 Calibration Range            | 1 mg – 5 g *         |
| E1 Calibration Range            | 1 mg – 5 g           |
| E2 Calibration Range            | 1 mg – 5 g           |
| F1 Calibration Range            | 1 mg – 5 g           |
| F2 Calibration Range            | 1 mg – 5 g           |
| Maximum capacity [Max]          | 6,1 g                |
| Readability [d]                 | 0,0001 mg            |
| Standard repeatability [5% Max] | 0,2 µg               |
| Standard repeatability [Max]    | 0,4 µg               |
| Permissible repeatability       | 0,6 µg               |
| Linearity                       | ±3 µg                |
| Eccentricity (tested load)      | 0 µg                 |
| Electric compensation range     | 0 – +6,1 g           |
| Stabilization time              | 30 s                 |
| Adjustment                      | internal (automatic) |

| Physical parameters               |   |
|-----------------------------------|---|
| Display                           | 10" graphic colour touchscreen                                |
| Weighing pan dimensions           | ø20 mm  |
| Weighing device dimensions        | 950×590×540 mm  |
| Controlling device dimensions     | 460×250×195 mm  |
| Packaging dimensions W x D x H    | 1200×800×1281 mm  |
| Net weight                        | 102,5 kg  |
| Gross weight                      | 183,5 kg  |
| Construction                      |   |
| Supplementary weights             | internal (automatic)  |
| Supplementary weights internal    | -   |
| Supplementary weights external    | -   |
| Magazine                          | 36  |
| Communication interface           | 2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot |
| Power supply                      | 100 – 240 V AC 50/60 Hz                                       |
| 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 (3% / 4 h)   |

\* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



## Accessories (Additional Fee)

RFID Tags  
 Antivibration tables  
 Additional modules  
 Protective cover for balances  
 Barcode scanners

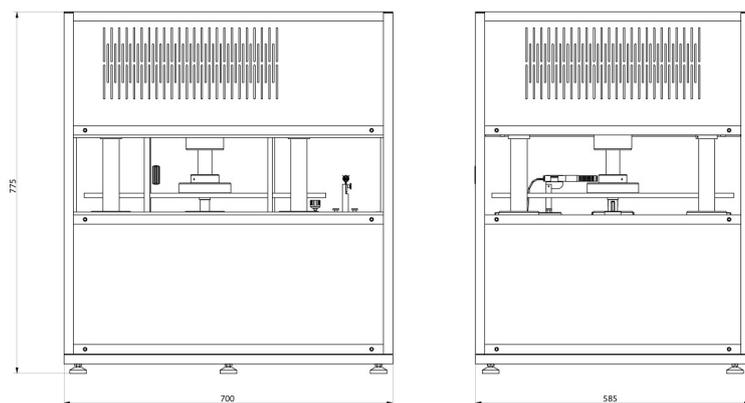
RS 232, RS 485 cables  
 THBR 2.0 System - Ambient Conditions Monitoring  
 Receipt Printer  
 Fingerprint Reader  
 RS 232 cables (scale - printer)

## Software (Additional Fee)

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

- RMCS Lite [WX-010-0164]

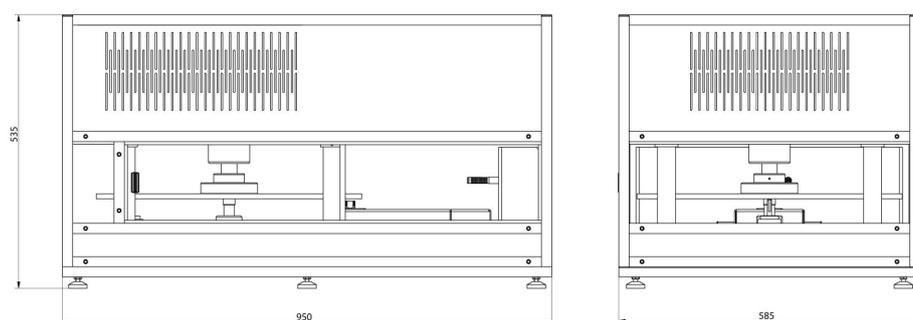
## Device dimensions W x D x H



UMA-100, UMA-1000



UMA-control unit



UMA-5