



UMA 200.5Y Automatic Mass Comparator

WL-415-0007

More information on the website
mirror.radwag.com/en/info,w1,73P



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

Datasheet

| Metrological parameters | |
|---------------------------------|----------------------|
| E0 Calibration Range | 1 – 200 g * g |
| E1 Calibration Range | 1 – 200 g |
| E2 Calibration Range | 1 – 200 g |
| F1 Calibration Range | 1 – 200 g |
| F2 Calibration Range | 1 – 200 g |
| Maximum capacity [Max] | 210 g |
| Readability [d] | 0.001 mg |
| Standard repeatability [Max] | 4 µg |
| Standard repeatability [5% Max] | 2.5 µg |
| Permissible repeatability | 6 µg |
| Linearity | ±10 µg |
| Eccentricity (tested load) | 0 mg |
| Electric compensation range | -1 g – +10 g |
| Stabilization time | 30 s |
| Adjustment | internal (automatic) |

| Physical parameters | |
|-----------------------------------|---|
| Display | 10" graphic colour touchscreen |
| Weighing pan dimensions | ø30 mm |
| Weighing device dimensions | 700×585×720 mm |
| Controlling device dimensions | 460×250×195 mm |
| Packaging dimensions W x D x H | 1200×1000×1566 mm |
| Net weight | 114.3 kg |
| Gross weight | 204.3 kg |
| Construction | |
| Supplementary weights | internal (automatic) |
| Supplementary weights external | - |
| Magazine | 30 |
| Communication interface | |
| Communication interface | 2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot |
| Electrical parameters | |
| Power supply | 100 – 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 (3% / 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.

* 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]

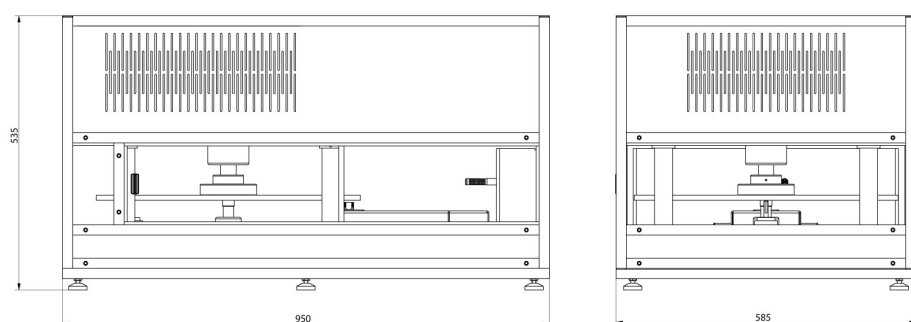
Device dimensions W x D x H



UMA-100, UMA-1000



UMA-control unit



UMA-5