



More information on the website
radwag.com/en/info,w1,IXE

UMA 100.5Y Automatic Mass Comparator



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

Datasheet

Metrological parameters	
E1	1 g ÷ 100 g
E2	1 g ÷ 100 g
F1	1 g ÷ 100 g
F2	1 g ÷ 100 g
M2	1 g ÷ 100 g
Maximum capacity [Max]	110 g
Readability [d]	0,001 mg
Standard repeatability [5% Max]	1,5 µg
Standard repeatability [Max]	2 µg
Permissible repeatability	3,5 µg
Eccentricity (tested load)	0 mg
Electric compensation range	-1 g ÷ +10 g
Stabilization time	30 s
Adjustment	external

Physical parameters	
Display	10" touchscreen
Magazine positions	36
Weighing pan dimensions	ø21 mm
Weighing device dimensions	700×585×720 mm
Controlling device dimensions	460×250×195 mm
Packaging dimensions	1200×1000×1200 mm
Net weight	114,3 kg
Gross weight	204,3 kg
Supplementary weights internal	automatic
Supplementary weights external	-

Communication interface	
Communication interface	USB-A ×2, USB-C, 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/12h (±0,3°C/4h)
Relative humidity	40% ÷ 60%
Relative humidity change rate	±5%/12h (3%/4h)

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.

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

Accessories

Antivibration Tables
Barcode scanners
Protective cover for balances
RS 232, RS 485 cables

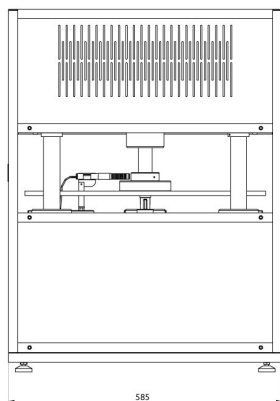
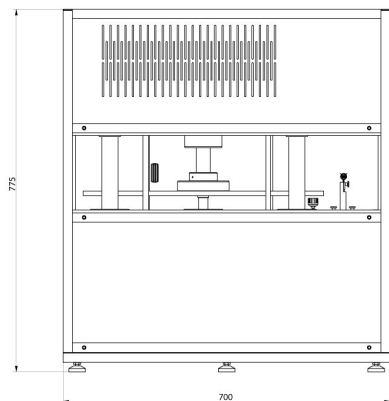
THBR 2.0 System - Ambient Conditions Monitoring
Receipt Printer
Fingerprint Reader
RS 232 cables (scale - printer)

Software

RAD-KEY
THB-R

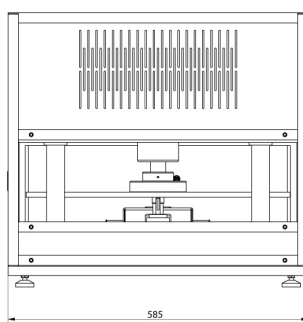
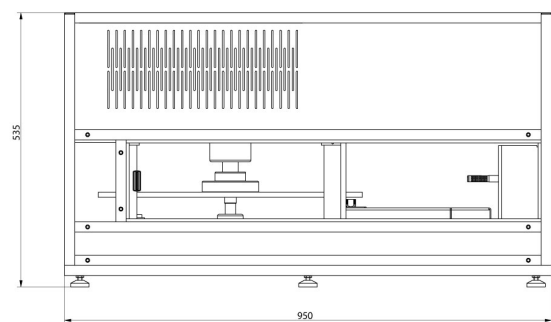
RMCS System

Device dimensions



UMA-100, UMA-1000

UMA-control unit



UMA-5