


AK-4.1000.5Y Automatic Mass Comparators, AK-4.1001.5Y Automatic Mass Comparators

More information on the website
radwag.com/en/info,w1,A9NAV



AK-4.1000.5Y Automatic Mass Comparators
 AK-4.1001.5Y Automatic Mass Comparators

Datasheet

	AK-4.1000.5Y Automatic Mass Comparators	AK-4.1001.5Y Automatic Mass Comparators
Metrological parameters		
E1	100 g ÷ 1 kg	100 g ÷ 1 kg
E2	100 g ÷ 1 kg	100 g ÷ 1 kg
F1	100 g ÷ 1 kg	100 g ÷ 1 kg
F2	100 g ÷ 1 kg	100 g ÷ 1 kg
Maximum capacity [Max]	1,02 kg	1,02 kg
Readability [d]	0,005 mg	0,001 mg
Standard repeatability [5% Max]	8 µg	1,7 µg
Standard repeatability [Max]	15 µg	2 µg
Permissible repeatability	25 µg	3,5 µg
Eccentricity (tested load)		
Electric compensation range	-10 g ÷ +20 g	1 g ÷ 10 g
Stabilization time	30 s	30 s
Adjustment	external	external
Physical parameters		
Display	10" touchscreen	10" touchscreen
Magazine positions	4	4
Weighing pan dimensions	ø50 mm	ø50 mm
Weighing device dimensions	385×215×600 mm	385×215×600 mm
Controlling device dimensions	249×170×72 mm	249×170×72 mm
Anti-draft chamber dimensions	560×340×665 mm	560×340×665 mm
Packaging dimensions	860×800×560 mm	760×860×560 mm
Chamber packaging size	950×420×630 mm	950×420×630 mm
Net weight	47,8 kg	26 kg
Gross weight	67,8 kg	42 kg
Communication interface		
Communication interface	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters		
Power supply	100 – 240 V AC 50/60 Hz	100 – 240 V AC 50/60 Hz
Environmental conditions		
Operating temperature	+15 ÷ +30 °C	+15 ÷ +30 °C
Operating temperature change rate	±0,5°C/12h (±0,3°C/4h)	±0,5°C/12h (±0,3°C/4h)
Relative humidity	40% ÷ 60%	40% ÷ 60%
Relative humidity change rate	±5%/12h (3%/4h)	±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
THBR 2.0 System - Ambient Conditions Monitoring

Fingerprint Reader
RS 232, RS 485 cables
RS 232 cables (scale - printer)

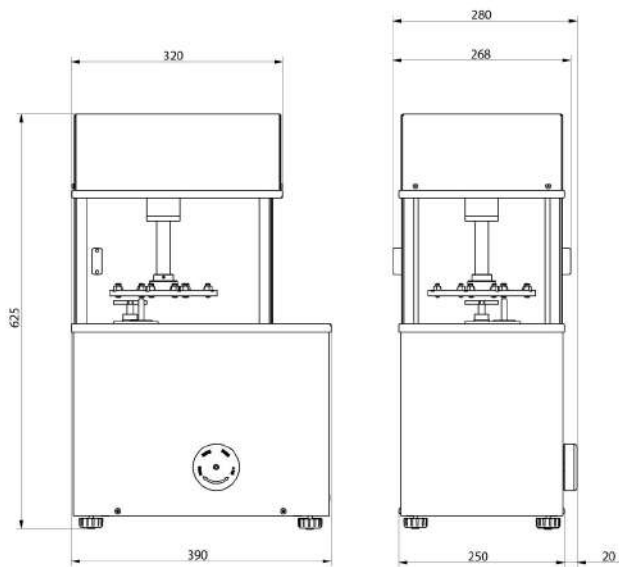
Software

RAD-KEY
THB-R

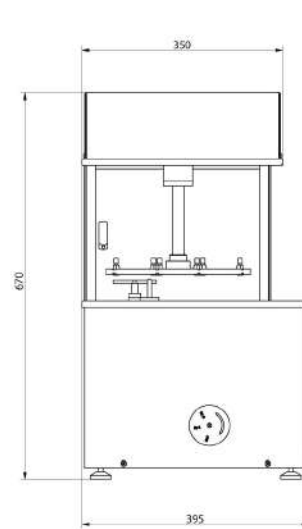
RMCS System

Device dimensions

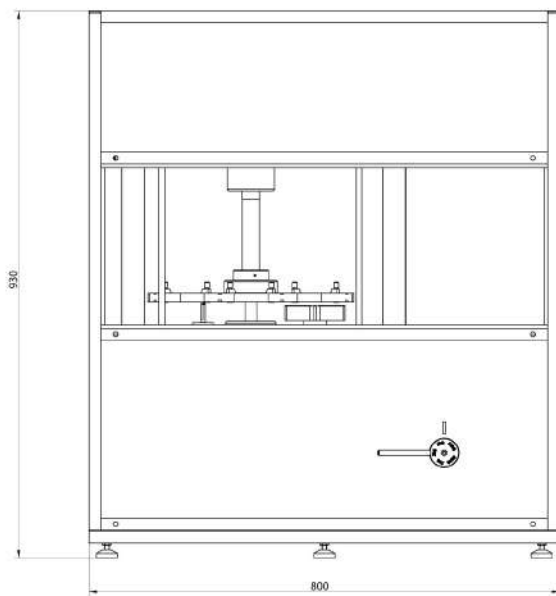
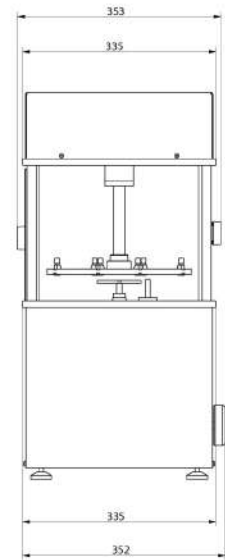
AK-4.1000.5Y Automatic Mass Comparators, AK-4.1001.5Y Automatic Mass Comparators



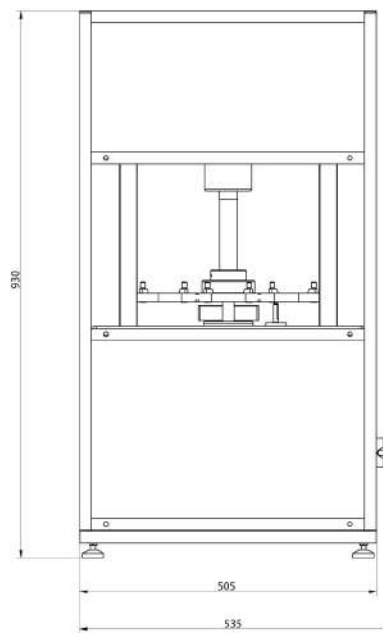
AK-4/100, AK-4/1000,
AK-4/1000.1



AK-4/2000, AK-4/5000,
AK-4/5000.1



AK-4/10000, AK-4/16000





UMA 5.5Y Automatic Mass Comparator

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



UMA 5.5Y Automatic Mass Comparator

Datasheet

UMA 5.5Y Automatic Mass Comparator	
Metrological parameters	
E1	1 mg ÷ 5 g
E2	1 mg ÷ 5 g
F1	1 mg ÷ 5 g
F2	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
Eccentricity (tested load)	—
Electric compensation range	0 ÷ 6,1 g
Stabilization time	30 s
Adjustment	internal (automatic)
Physical parameters	
Display	10" touchscreen
Magazine positions	36
Weighing pan dimensions	ø20 mm
Weighing device dimensions	950×590×540 mm
Controlling device dimensions	460×250×195 mm
Packaging dimensions	1200×800×950 mm
Net weight	102,5 kg
Gross weight	183,5 kg
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
THBR 2.0 System - Ambient Conditions Monitoring

Fingerprint Reader
RS 232, RS 485 cables
RS 232 cables (scale - printer)

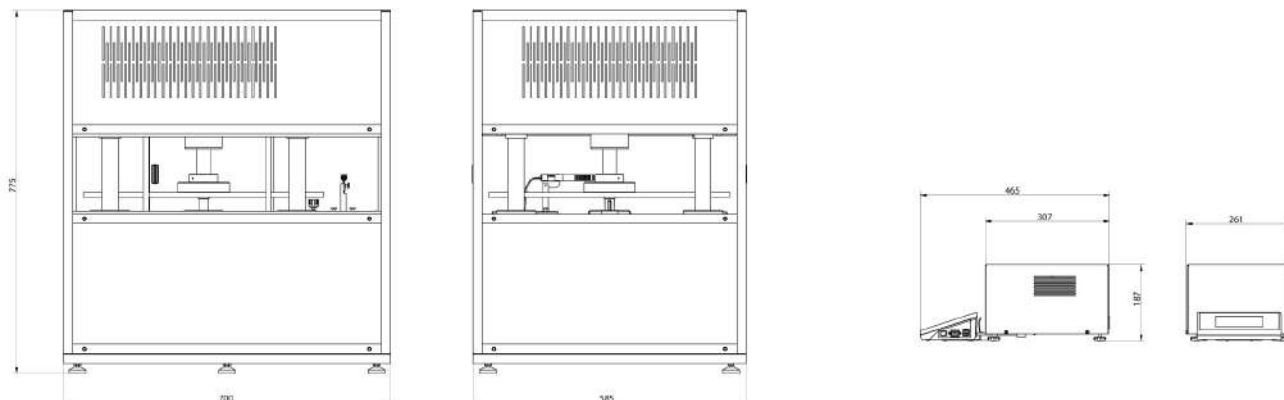
Software

RAD-KEY
THB-R

RMCS System

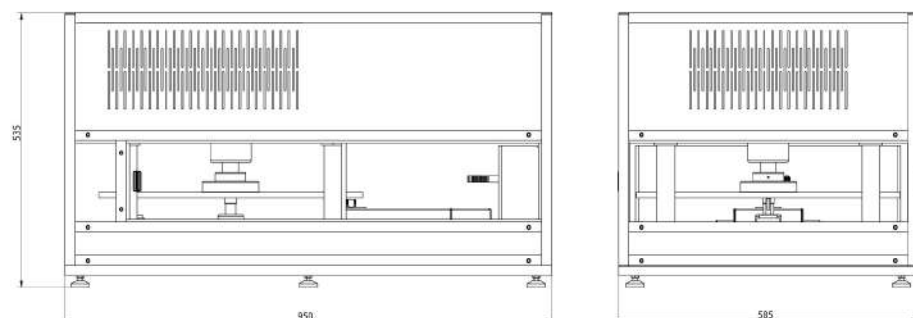
Device dimensions

UMA 5.5Y Automatic Mass Comparator



UMA-100, UMA-1000

UMA-control unit



UMA-5