radwag.com

AK-4.1000.5Y Automatic Mass Comparators

WL-413-0016

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



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

Datasheet

Metrological parameters	
E1 Calibration Range	100 g – 1 kg
E2 Calibration Range	100 g – 1 kg
F1 Calibration Range	100 g – 1 kg
F2 Calibration Range	100 g – 1 kg
Maximum capacity [Max]	1.02 kg
Readability [d]	0.005 mg
Standard repeatability [Max]	15 µg
Standard repeatability [5% Max]	8 µg
Permissible repeatability	25 µg
Linearity	±10 µg
Eccentricity (tested load)	0 mg
Electric compensation range	-10 g – +20 g
Stabilization time	30 s
Adjustment	internal (automatic)

Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	ø50 mm
Weighing device dimensions	385×215×600 mm
Controling device dimensions	249×170×72 mm
Anti-draft chamber dimensions	560×340×665 mm
Packaging dimensions W x D x H	860×800×560 mm
Chamber packaging size	950×420×630 mm
Net weight	47.8 kg
Gross weight	67.8 kg
Construction	
Supplementary weights	internal (automatic)
Supplementary weights internal	half automatic
Supplementary weights external	-
Magazine	4
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.

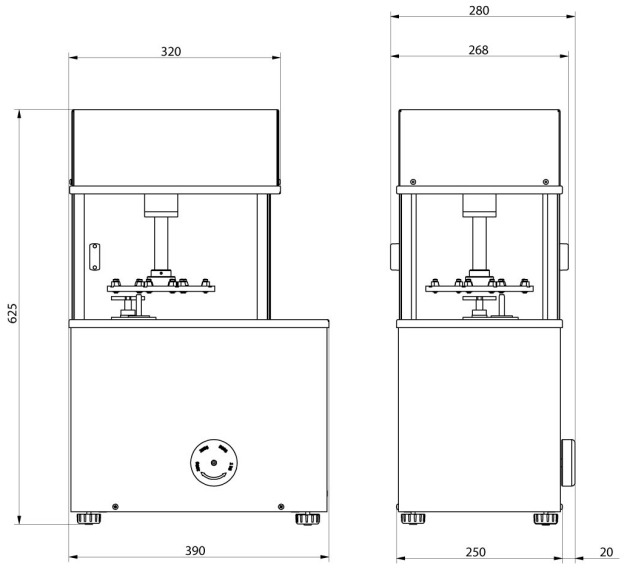
Accessories (Additional Fee)

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)

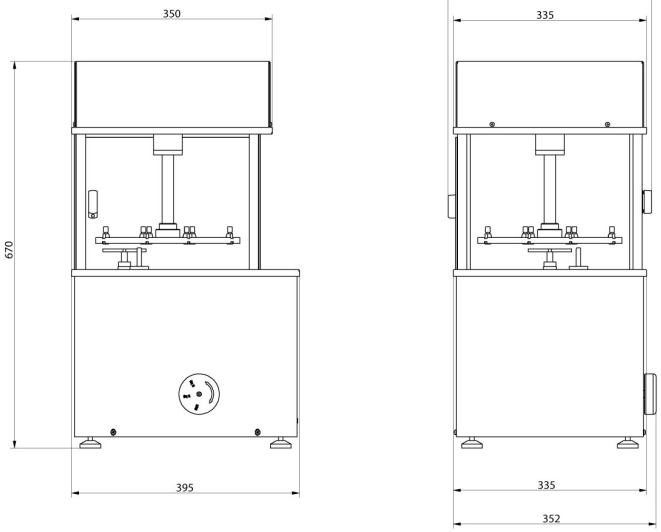
Software (Additional Fee)

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

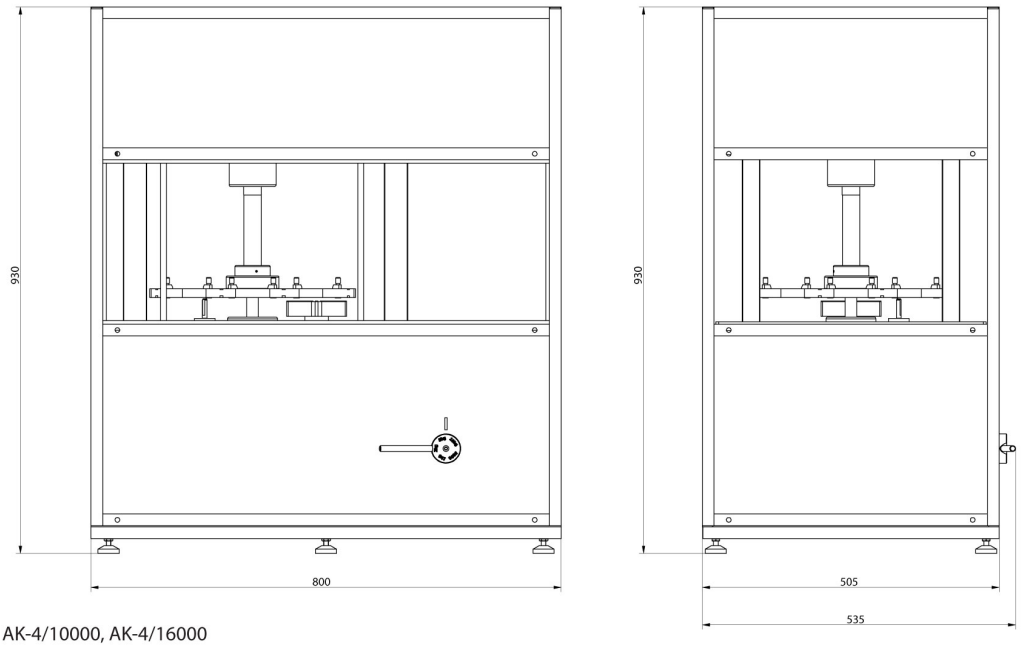
Device dimensions W x D x H



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