radwag.com

# AK-4.10000.5Y Automatic Mass Comparators

WL-413-0021

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



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

## Datasheet

| Metrological parameters | |
|---|---|
| E0 Calibration Range | 500 g – 10 kg * |
| E1 Calibration Range | 500 g – 10 kg |
| E2 Calibration Range | 500 g – 10 kg |
| F1 Calibration Range | 500 g – 10 kg |
| F2 Calibration Range | 500 g – 10 kg |
| Maximum capacity [Max] | 10.1 kg |
| Readability [d] | 0.01 mg |
| Standard repeatability [Max] | 20 µg |
| Standard repeatability [5% Max] | 15 µg |
| Permissible repeatability | 40 µg |
| Linearity | ±0.05 mg |
| Eccentricity (tested load) | 0 mg |
| Electric compensation range | -10 g – +100 g |
| Stabilization time | 30 s |

| | |
|---|---|
| **Metrological parameters** | |
| Adjustment | internal (automatic) |
| **Physical parameters** | |
| Display | 10" graphic colour touchscreen |
| Weighing pan dimensions | ø100 mm |
| Weighing device dimensions | 800×500×930 mm |
| Controling device dimensions | 249×170×72 mm |
| Packaging dimensions W x D x H | 1000×900×685 mm |
| Chamber packaging size | 1100×800×1150 mm |
| Net weight | 91 kg |
| Gross weight | 141 kg |
| **Construction** | |
| Supplementary weights | internal (automatic) |
| Supplementary weights internal | half automatic |
| Supplementary weights external | - |
| **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.

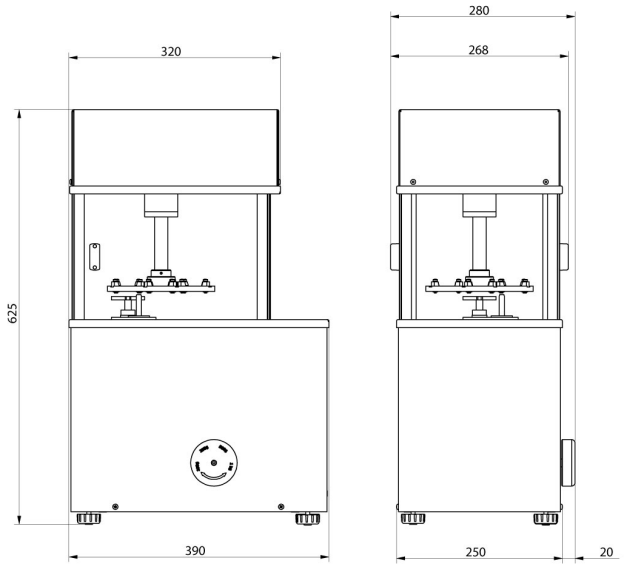
# Accessories (Additional Fee)

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)

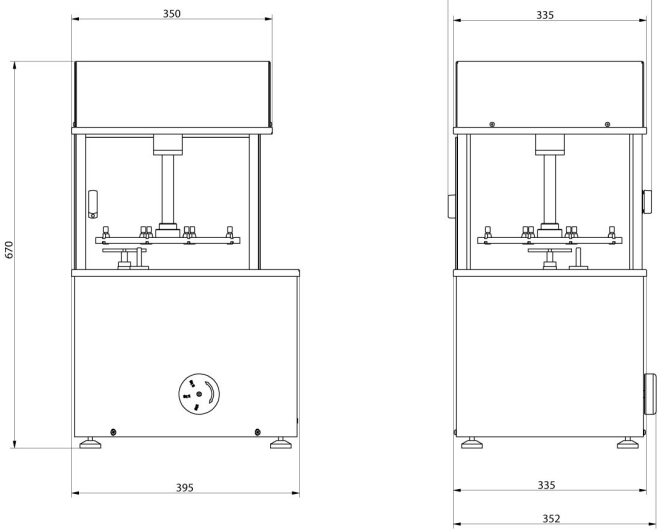
# Software (Additional Fee)

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

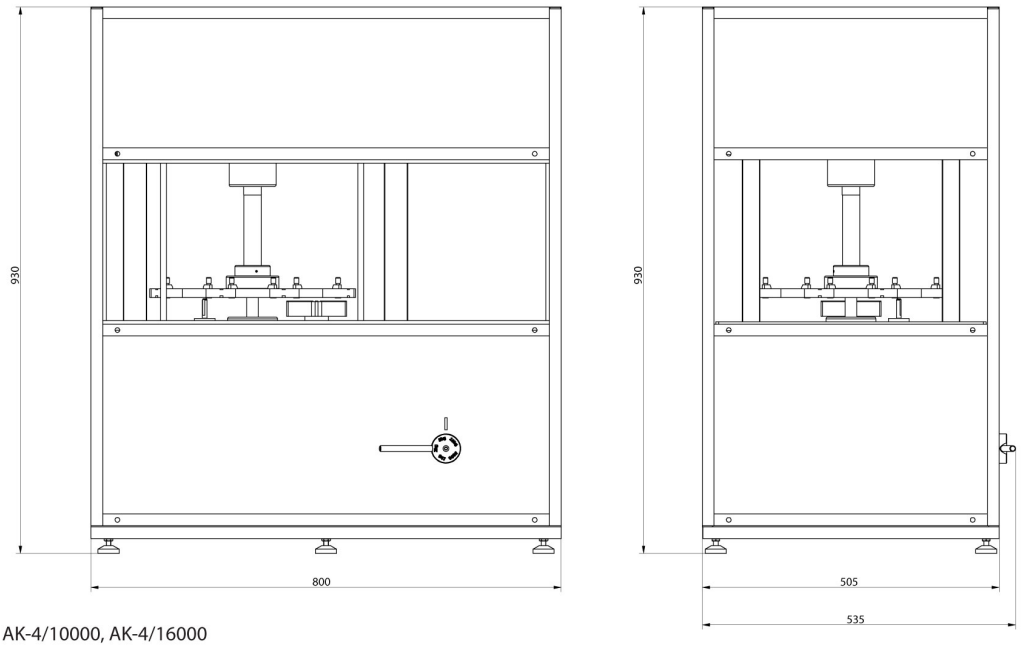
# Device dimensions W x D x H




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