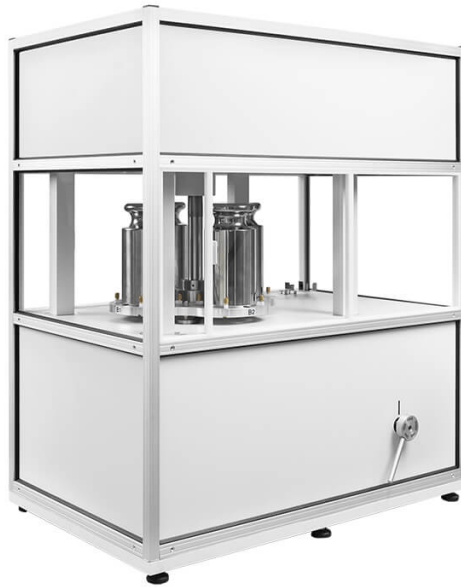




More information on the website  
[mirror.radwag.com/en/info,w1,BFH](http://mirror.radwag.com/en/info,w1,BFH)

# AK-4.10000.5Y Automatic Mass Comparators

WL-413-0021



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  |
| Controlling 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

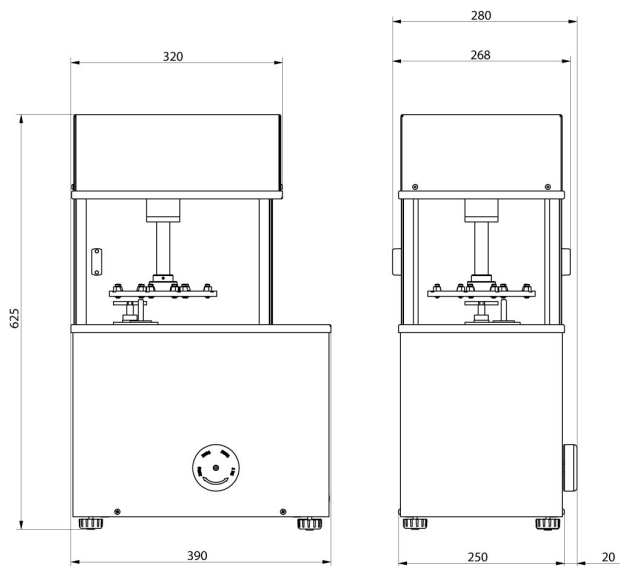
RS 232, RS 485 cables  
 THBR 2.0 System - Ambient Conditions Monitoring  
 Receipt Printer  
 Fingerprint Reader  
 RS 232 cables (scale - printer)

## Software (Additional Fee)

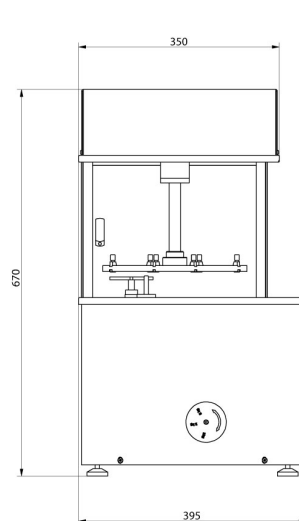
• RAD Key [WX-010-0005]

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

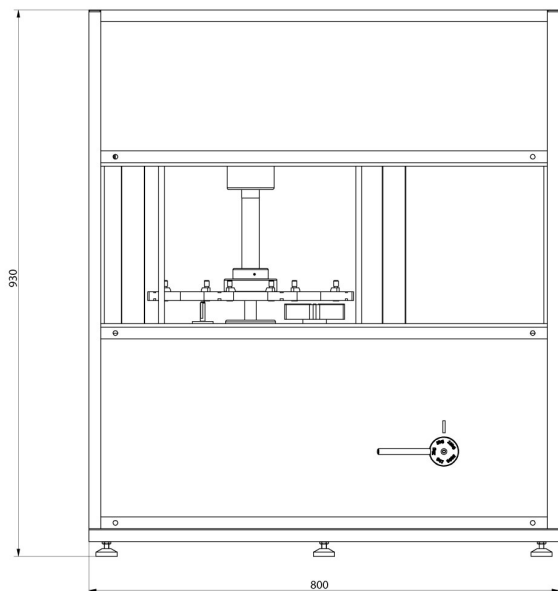
# Device dimensions W x D x H



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

