



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

# AKM-2.50.5Y Automatic Mass Comparators

WL-411-0014



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

## Datasheet

| Metrological parameters      |              |
|------------------------------|--------------|
| E1 Calibration Range         | 20 – 50 kg   |
| E2 Calibration Range         | 5 – 50 kg    |
| F1 Calibration Range         | 5 – 50 kg    |
| F2 Calibration Range         | 5 – 50 kg    |
| M1 Calibration Range         | -            |
| M2 Calibration Range         | -            |
| Maximum capacity [Max]       | 51 kg        |
| Readability [d]              | 1 mg         |
| Standard repeatability [Max] | 2 mg         |
| Permissible repeatability    | 3 mg         |
| Linearity                    | ±50 mg       |
| Eccentricity (tested load)   | 0 mg         |
| Electric compensation range  | 0 g – +51 kg |
| Stabilization time           | 30 s         |

| Metrological parameters           |   |
|-----------------------------------|---|
| Adjustment                        | external  |
| Physical parameters               |   |
| Display                           | 10" graphic colour touchscreen                                |
| Weighing pan dimensions           | ø100 mm   |
| Weighing device dimensions        | 1050×650×1150 mm  |
| Controlling device dimensions     | 249×170×72 mm   |
| Packaging dimensions W x D x H    | 1770×900×1100 mm  |
| Net weight                        | 260 kg  |
| Net weight                        | 260 kg  |
| Gross weight                      | 380 kg  |
| Gross weight                      | 380 kg  |
| Construction                      |   |
| Supplementary weights internal    | -   |
| 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)   |

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## Accessories (Additional Fee)

RFID Tags  
 Additional modules  
 Protective cover for balances  
 Barcode scanners  
 RS 232, RS 485 cables

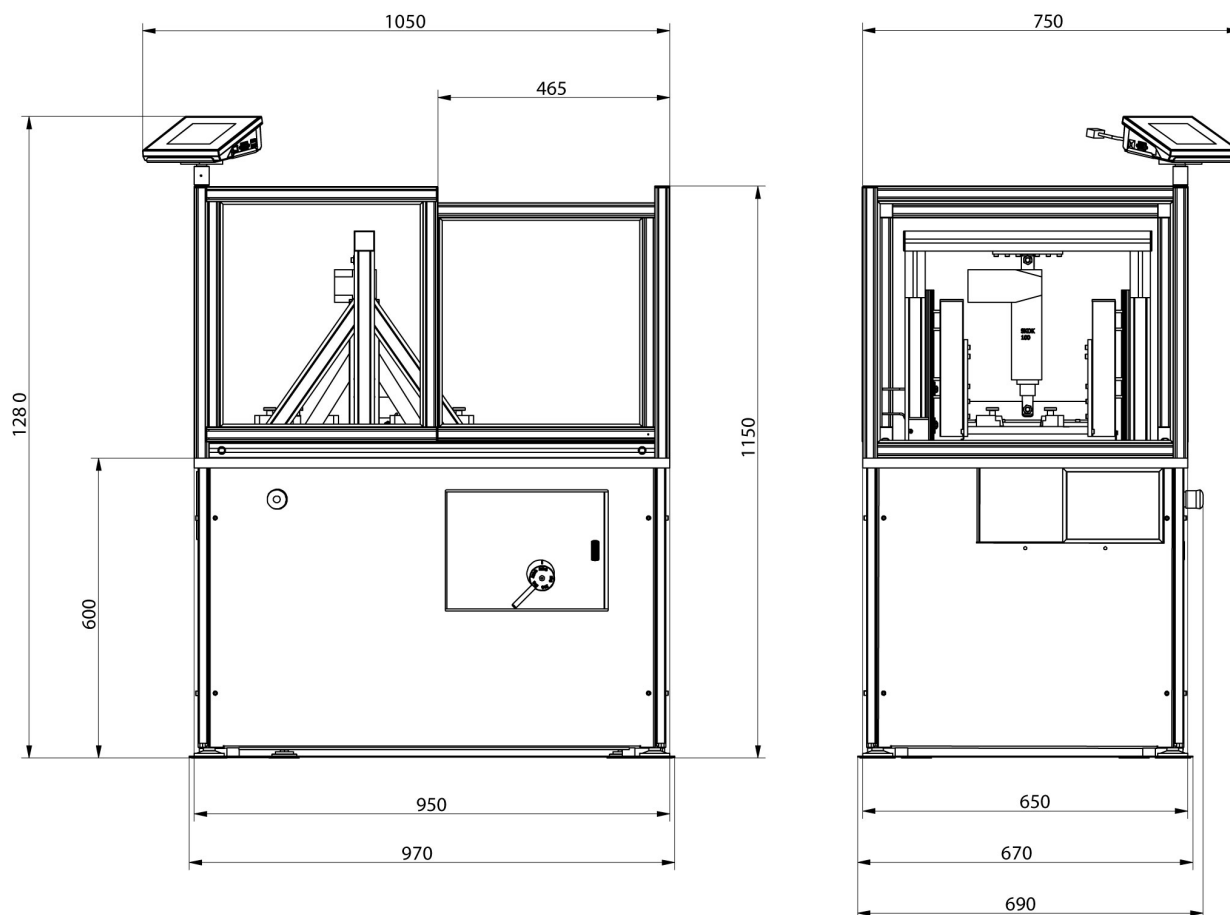
THBR 2.0 System - Ambient Conditions Monitoring  
 Receipt Printer  
 Fingerprint Reader  
 RS 232 cables (scale - printer)

## 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



AKM-2