



More information on the website  
[mirror.radwag.com/us/info,w1,4JG](http://mirror.radwag.com/us/info,w1,4JG)

# AKM-2.50.1.5Y Automatic Mass Comparators

WL-411-0015



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

## Datasheet

### Metrological parameters

E0 Calibration Range	5 – 50 kg *
E1 Calibration Range	5 – 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]	50,5 kg
Readability [d]	0,1 mg
Standard repeatability [Max]	0,6 mg
Standard repeatability [5% Max]	0,4 mg
Permissible repeatability	1 mg
Linearity	±0,5 mg
Eccentricity (tested load)	0 mg

<b>Metrological parameters</b>	
Electric compensation range	-500 – +500 g
Stabilization time	30 s
Adjustment	internal (automatic)
<b>Physical parameters</b>	
Display	10" graphic colour touchscreen
Weighing pan dimensions	ø100 mm - self centering
Weighing device dimensions	1770×800×1280 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
<b>Construction</b>	
Supplementary weights	internal (automatic)
Supplementary weights internal	-
Supplementary weights external	-
<b>Communication interface</b>	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
<b>Electrical parameters</b>	
Power supply	100 – 240 V AC 50/60 Hz
<b>Environmental conditions</b>	
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)

\* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



## Accessories (Additional Fee)

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

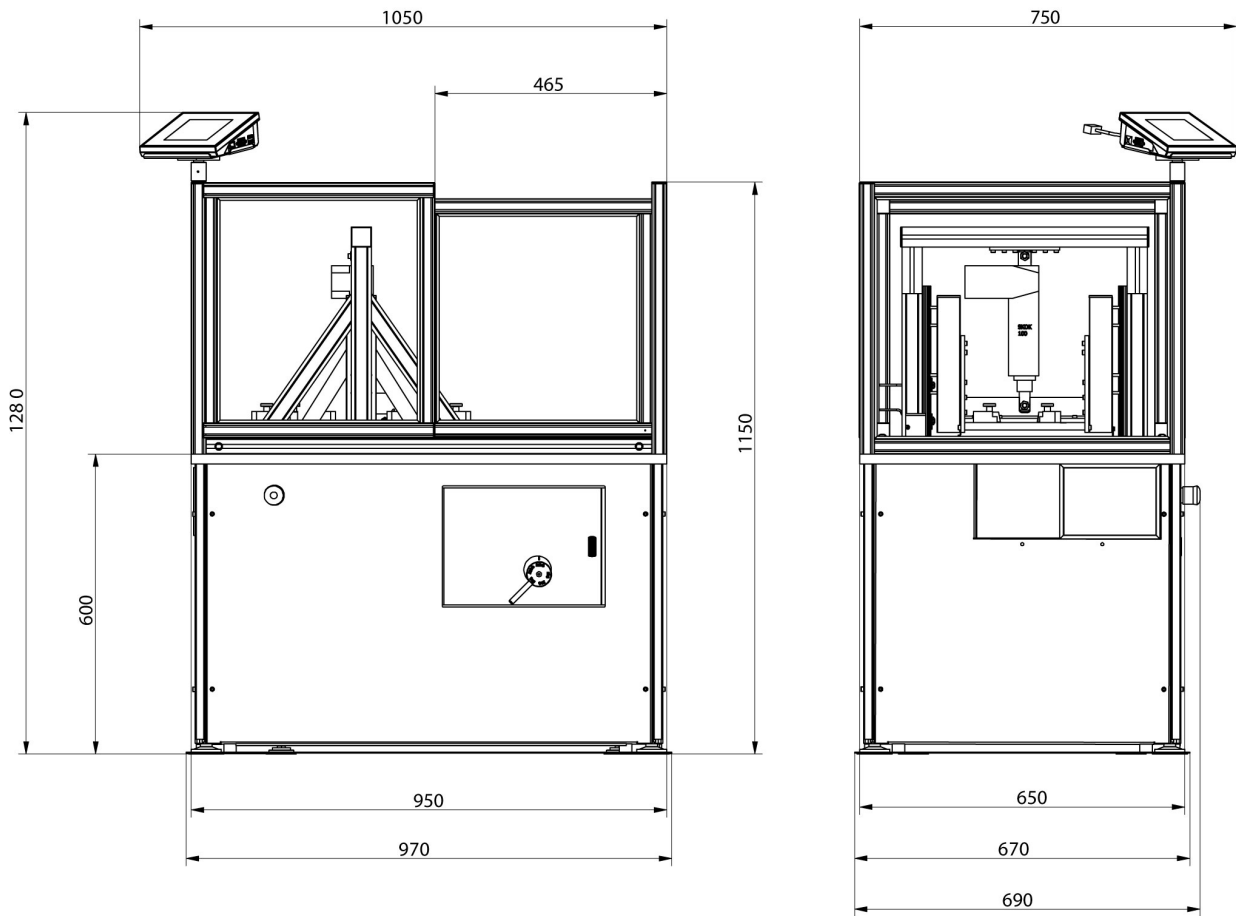
THBR 2.0 System - Ambient Conditions Monitoring  
 Receipt Printer  
 Fingerprint Reader  
 RS 232 cables (scale - printer)

## Software (Additional Fee)

• RAD Key [WX-010-0005]

• RMCS System Network Management of Calibration Process [WX-

## Device dimensions W x D x H



AKM-2