



# AKM-2.50.1.5Y Automatic Mass Comparators

WL-411-0015

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



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 [5% Max]	0.4 mg
Standard repeatability [Max]	0.6 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)

**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)

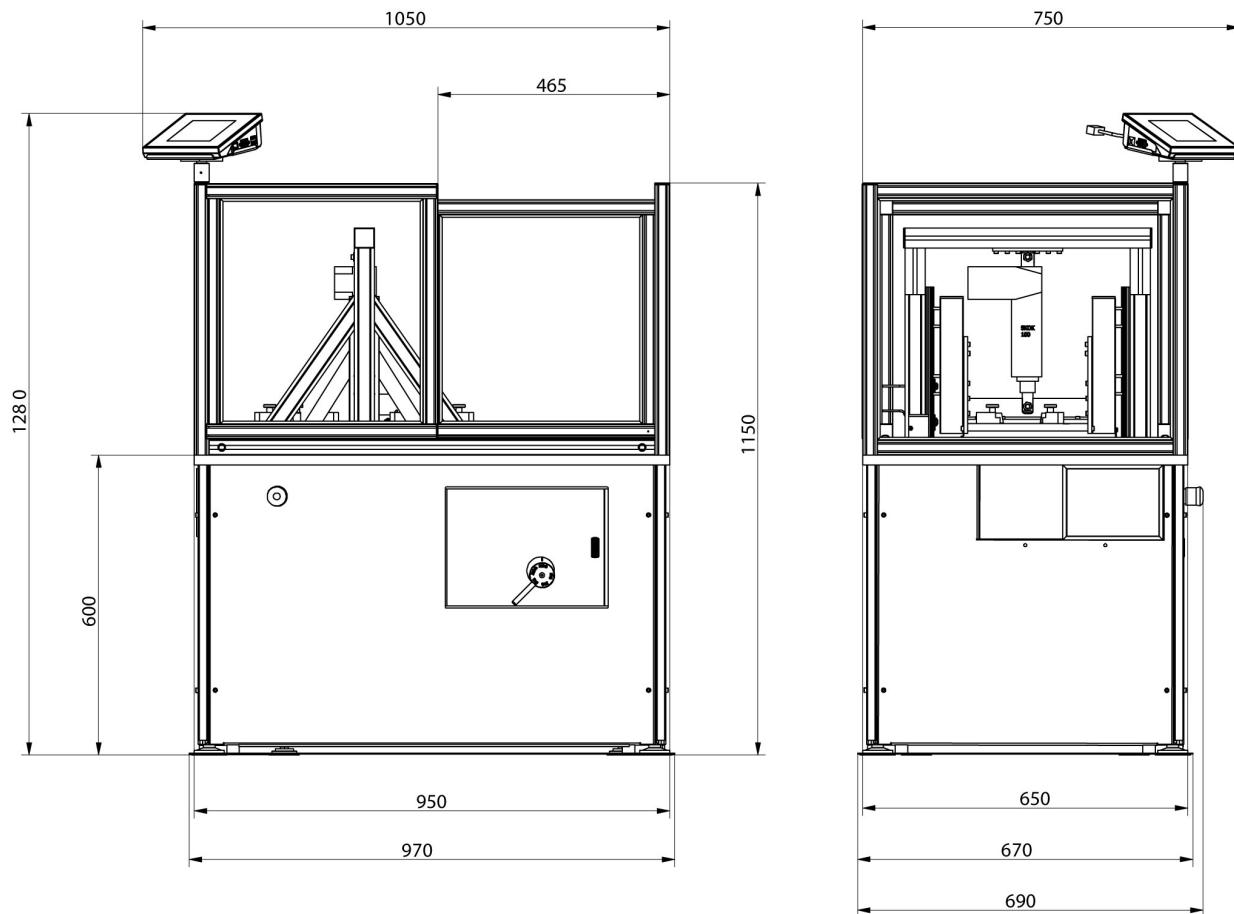
RFID Tags  
Additional modules  
Protective cover for balances  
Barcode scanners  
RS 232, RS 485 cables

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]
- RMCS Lite [WX-010-0164]

## Device dimensions W x D x H



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