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# AKM-2.50.1.5Y.Q Automatic Mass Comparators



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

## Datasheet

Metrological parameters	
E1 Calibration Range	2 kg ÷ 50 kg
E2 Calibration Range	2 kg ÷ 50 kg
F1 Calibration Range	2 kg ÷ 50 kg
F2 Calibration Range	2 kg ÷ 50 kg
M1 Calibration Range	-
M2 Calibration Range	-
Maximum capacity [Max]	50.2 kg
Readability [d]	0.1 mg
Standard repeatability [5% Max]	0.4 mg
Standard repeatability [Max]	0.6 mg
Permissible repeatability	1 mg
Eccentricity (tested load)	0 mg
Electric compensation range	-100 g ÷ +200 g
Stabilization time	30 s
Adjustment	external

Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	ø100 mm
Weighing device dimensions	1770×800×1280 mm
Controlling device dimensions	249×170×72 mm
Packaging dimensions	1770×900×1100 mm
Net weight	260 kg
Net weight	260 kg
Gross weight	380 kg
Gross weight	380 kg
Supplementary weights internal	-
Supplementary weights external	-

Communication interface	
Communication interface	2×USB-A, USB-C, 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/12h (±0.3°C/4h)
Relative humidity	40% – 60%
Relative humidity change rate	±5%/12h (3%/4h)

**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.

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## Accessories

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

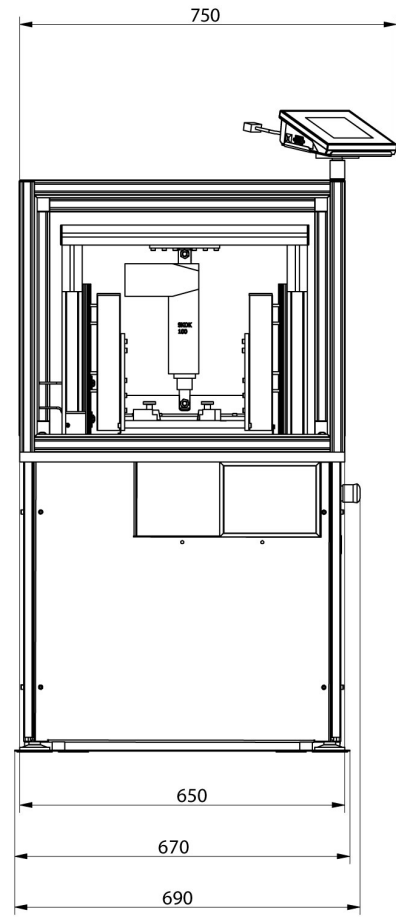
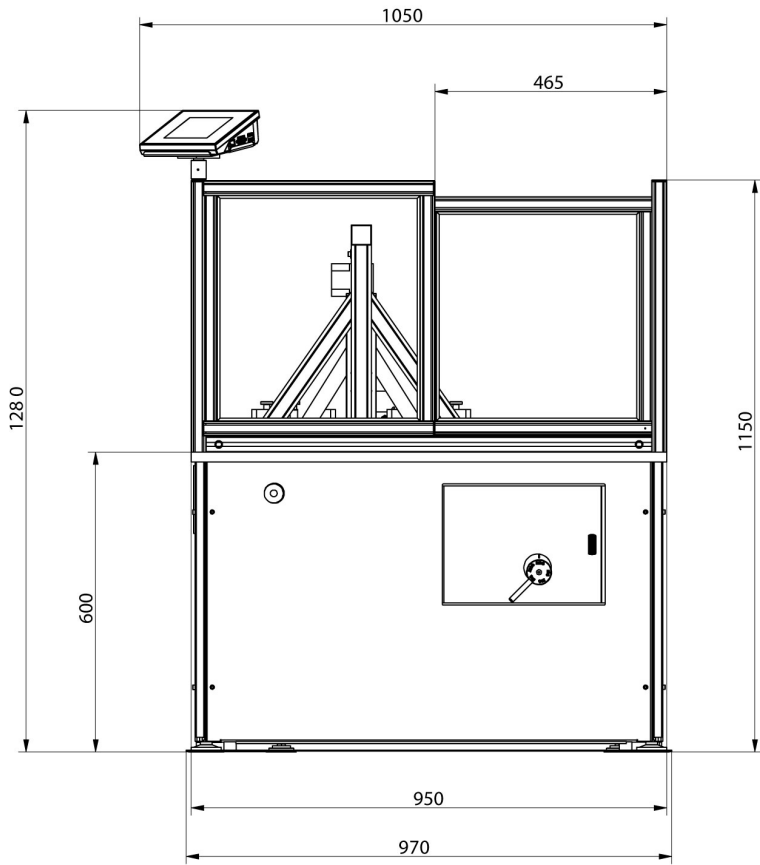
THBR 2.0 System - Ambient Conditions Monitoring  
 Receipt Printer  
 Fingerprint Reader  
 RS 232, RS 485 cables  
 RS 232 cables (scale - printer)

## Software

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

• RMCS Lite [WX-010-0164]

## Device dimensions



AKM-2