



More information on the website
radwag.com/en/info,w1,ECM

AKM-2.10.5Y Automatic Mass Comparators



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

Datasheet

Metrological parameters	
E1 Calibration Range	2 kg ÷ 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]	10.2 kg
Readability [d]	0.1 mg
Standard repeatability [5% Max]	0.15 mg
Standard repeatability [Max]	0.2 mg
Permissible repeatability	0.35 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

Physical parameters	
Weighing pan dimensions	ø90 mm
Weighing device dimensions	950×650×1150 mm
Controlling device dimensions	249×170×72 mm
Packaging dimensions	1050×800×1320 mm
Net weight	230 kg
Net weight	230 kg
Gross weight	350 kg
Gross weight	350 kg
Supplementary weights internal	half automatic
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.

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



Accessories

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

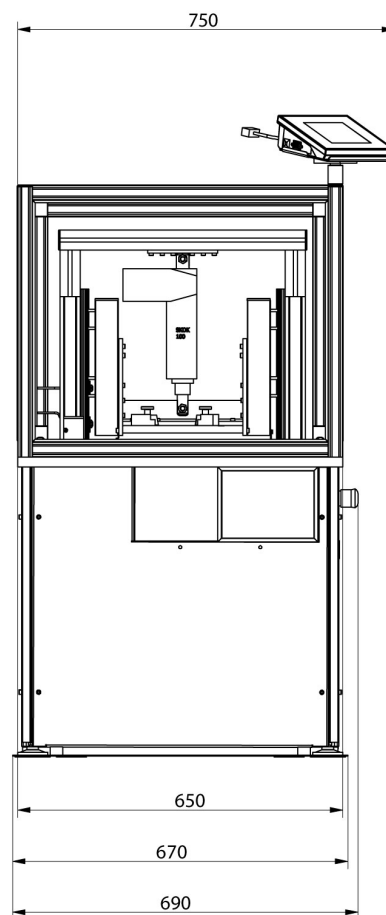
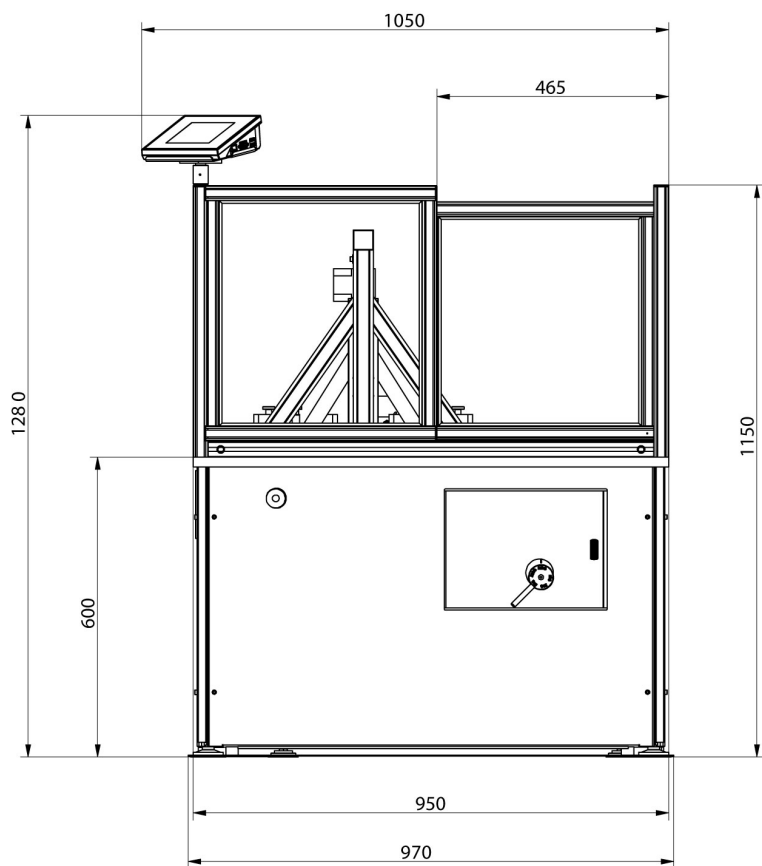
THBR 2.0 System - Ambient Conditions Monitoring
Receipt Printer
Fingerprint Reader
RS 232, RS 485 cables
RS 232 cables (scale - printer)

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