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AKM-2.50.5Y Automatic Mass Comparators



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

Datasheet

	AKM-2.50.5Y Automatic Mass Comparators
Metrological parameters	
E1 Calibration Range	20 kg ÷ 50 kg
E2 Calibration Range	5 kg ÷ 50 kg
F1 Calibration Range	5 kg ÷ 50 kg
F2 Calibration Range	5 kg ÷ 50 kg
M1 Calibration Range	-
M2 Calibration Range	-
Maximum capacity [Max]	51 kg
Readability [d]	1 mg
Standard repeatability (load ≤ 20 kg)	1,5 mg
Standard repeatability [Max]	2 mg
Permissible repeatability	3 mg
Eccentricity (tested load)	-
Electric compensation range	0 g ÷ 50,5 kg
Stabilization time	30 s
Adjustment	external
Physical parameters	
Display	10" touchscreen
Weighing pan dimensions	ø100 mm
Weighing device dimensions	1050×650×1150 mm
Controlling device dimensions	249×170×72 mm
Packaging dimensions	1770×900×1100 mm
Net weight	260 kg
Gross weight	380 kg
Communication interface	
Communication interface	USB-A x2, 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 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)

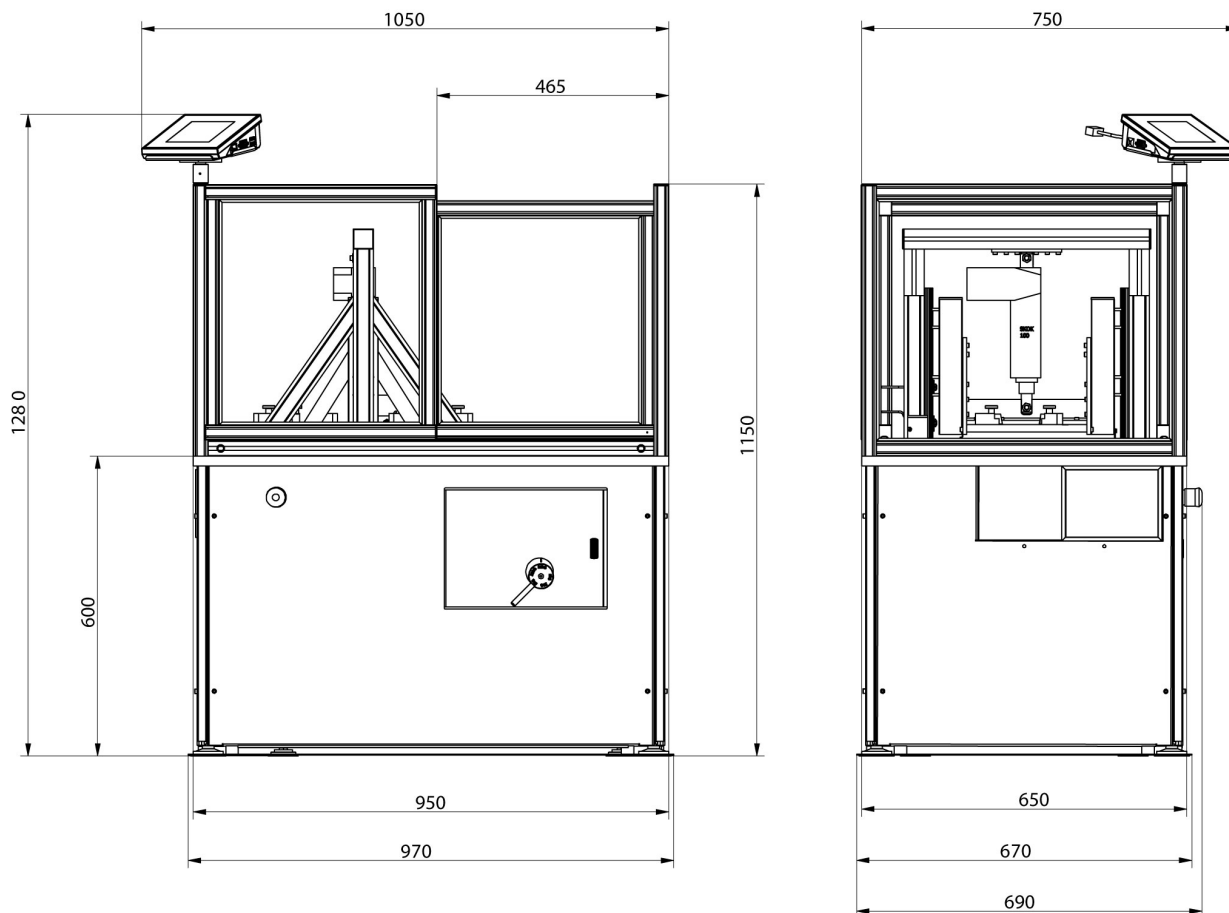
Software

RAD-KEY
RMCS System

RMCS Lite

Device dimensions

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AKM-2