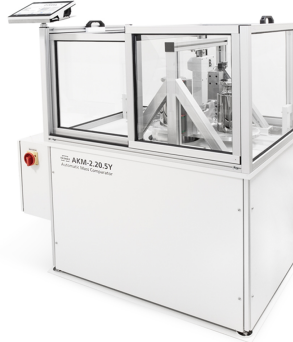




**AKM-2.50.1.5Y Automatic Mass Comparators, AKM-2.50.5Y Automatic Mass Comparators,
AKM-2.20.5Y Automatic Mass Comparators**

More information on the website
radwag.com/en/info,w1,QA29



AKM-2.20.5Y Automatic Mass Comparators

AKM-2.50.1.5Y Automatic Mass Comparators
AKM-2.50.5Y Automatic Mass Comparators

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

Datasheet

	AKM-2.20.5Y Automatic Mass Comparators	AKM-2.50.1.5Y Automatic Mass Comparators	AKM-2.50.5Y Automatic Mass Comparators
Metrological parameters			
E1 Calibration Range	5 kg ÷ 20 kg	5 kg ÷ 50 kg	20 kg ÷ 50 kg
E2 Calibration Range	1 kg ÷ 20 kg	5 kg ÷ 50 kg	5 kg ÷ 50 kg
F1 Calibration Range	1 kg ÷ 20 kg	5 kg ÷ 50 kg	5 kg ÷ 50 kg
F2 Calibration Range	1 kg ÷ 20 kg	5 kg ÷ 50 kg	5 kg ÷ 50 kg
M1 Calibration Range	-	-	-
M2 Calibration Range	-	-	-
Maximum capacity [Max]	20,5 kg	50,2 kg	51 kg
Readability [d]	0,1 mg	0,1 mg	1 mg
Standard repeatability [5% Max]	0,15 mg	0,4 mg	
Standard repeatability (load ≤ 20 kg)	-	-	1,5 mg
Standard repeatability [Max]	0,2 mg	0,6 mg	2 mg
Permissible repeatability	0,3 mg	1 mg	3 mg
Eccentricity (tested load)			
Electric compensation range	-500 g ÷ +500 g	0 g ÷ 50,5 kg	0 g ÷ 50,5 kg
Stabilization time	30 s	30 s	30 s
Adjustment	external (500g)	external	external
Physical parameters			
Display	10" touchscreen	10" touchscreen	10" touchscreen
Weighing pan dimensions	ø190 mm - self centering	ø100 mm	ø100 mm
Weighing device dimensions	1150×770×1300 mm	1770×800×1280 mm	1050×650×1150 mm
Controlling device dimensions	249×170×72 mm	249×170×72 mm	249×170×72 mm
Packaging dimensions	1150×770×1300 mm	1770×900×1100 mm	1770×900×1100 mm
Net weight	235 kg	260 kg	260 kg
Gross weight	352 kg	380 kg	380 kg
Communication interface			
Communication interface	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters			
Power supply	100 – 240 V AC 50/60 Hz	100 – 240 V AC 50/60 Hz	100 – 240 V AC 50/60 Hz
Environmental conditions			
Operating temperature	+15 ÷ +30 °C	+15 ÷ +30 °C	+15 ÷ +30 °C
Operating temperature change rate	±0,5°C/12h (±0,3°C/4h)	±0,5°C/12h (±0,3°C/4h)	±0,5°C/12h (±0,3°C/4h)
Relative humidity change rate	±5%/12h (3%/4h)	±5%/12h (3%/4h)	±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

THBR 2.0 System - Ambient Conditions Monitoring

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

Receipt Printer
Fingerprint Reader
RS 232, RS 485 cables
RS 232 cables (scale - printer)

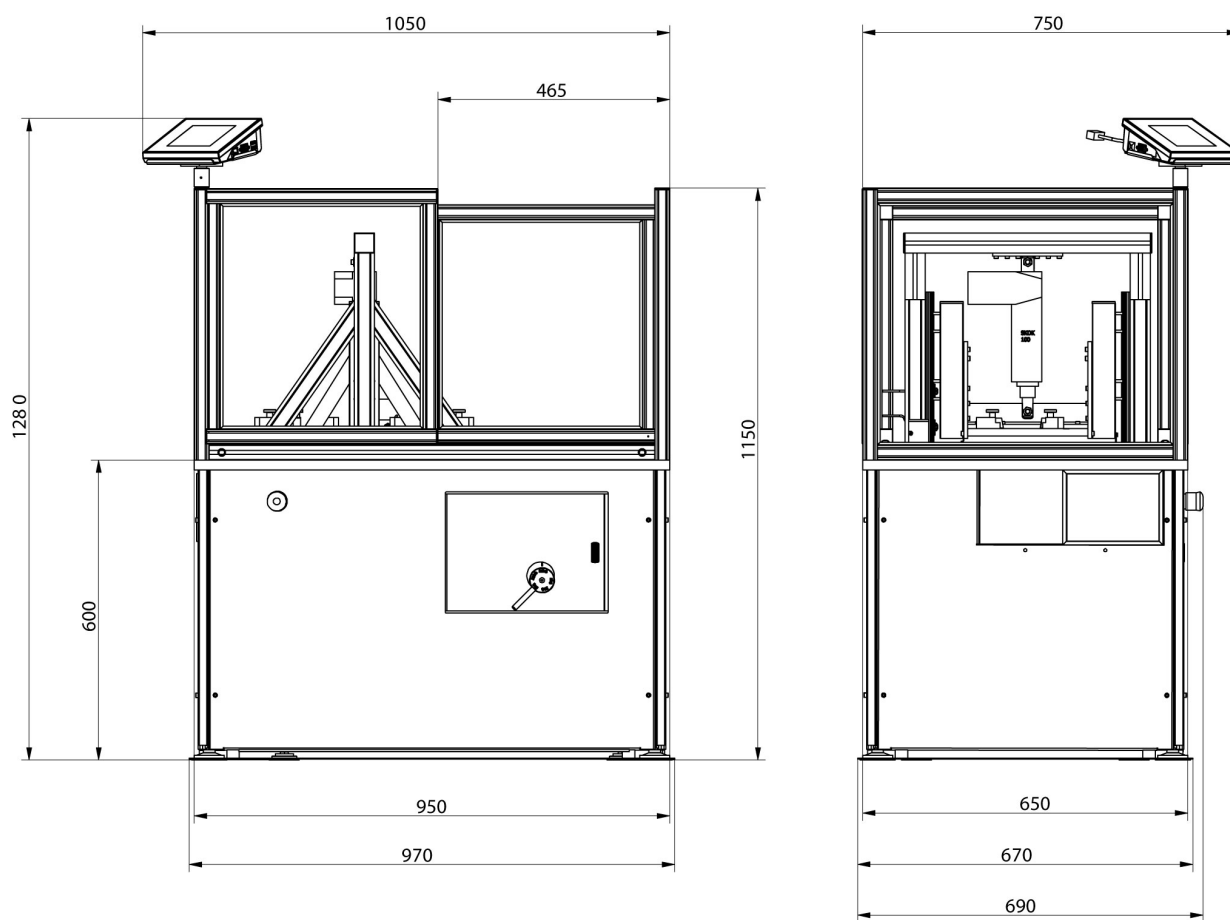
Software

RAD-KEY
RMCS System

RMCS Lite

Device dimensions

AKM-2.50.1.5Y Automatic Mass Comparators, AKM-2.50.5Y Automatic Mass Comparators, AKM-2.20.5Y Automatic Mass Comparators



AKM-2