radwag.com

AKM-2.20.5Y Automatic Mass Comparators

WL-411-0013

More information on the website
mirror.radwag.com/en/info,w1,QUA29



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

Datasheet

Metrological parameters	
E0 Calibration Range	5 – 20 kg *
E1 Calibration Range	5 – 20 kg
E2 Calibration Range	1 – 20 kg
F1 Calibration Range	1 – 20 kg
F2 Calibration Range	1 – 20 kg
Maximum capacity [Max]	20.5 kg
Readability [d]	0.1 mg
Standard repeatability [Max]	0.2 mg
Standard repeatability [5% Max]	0.15 mg
Permissible repeatability	0.3 mg
Linearity	±0.5 mg
Eccentricity (tested load)	0 mg
Electric compensation range	-500 g – +500 g
Stabilization time	30 s

Metrological parameters	
Adjustment	internal (automatic)
Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	ø190 mm - self centering
Weighing device dimensions	1150×770×1300 mm
Controling device dimensions	249×170×72 mm
Packaging dimensions W x D x H	1150×770×1300 mm
Net weight	235 kg
Net weight	235 kg
Gross weight	480 kg
Gross weight	480 kg
Construction	
Supplementary weights	internal (automatic)
Supplementary weights external	-
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), 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 / 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.



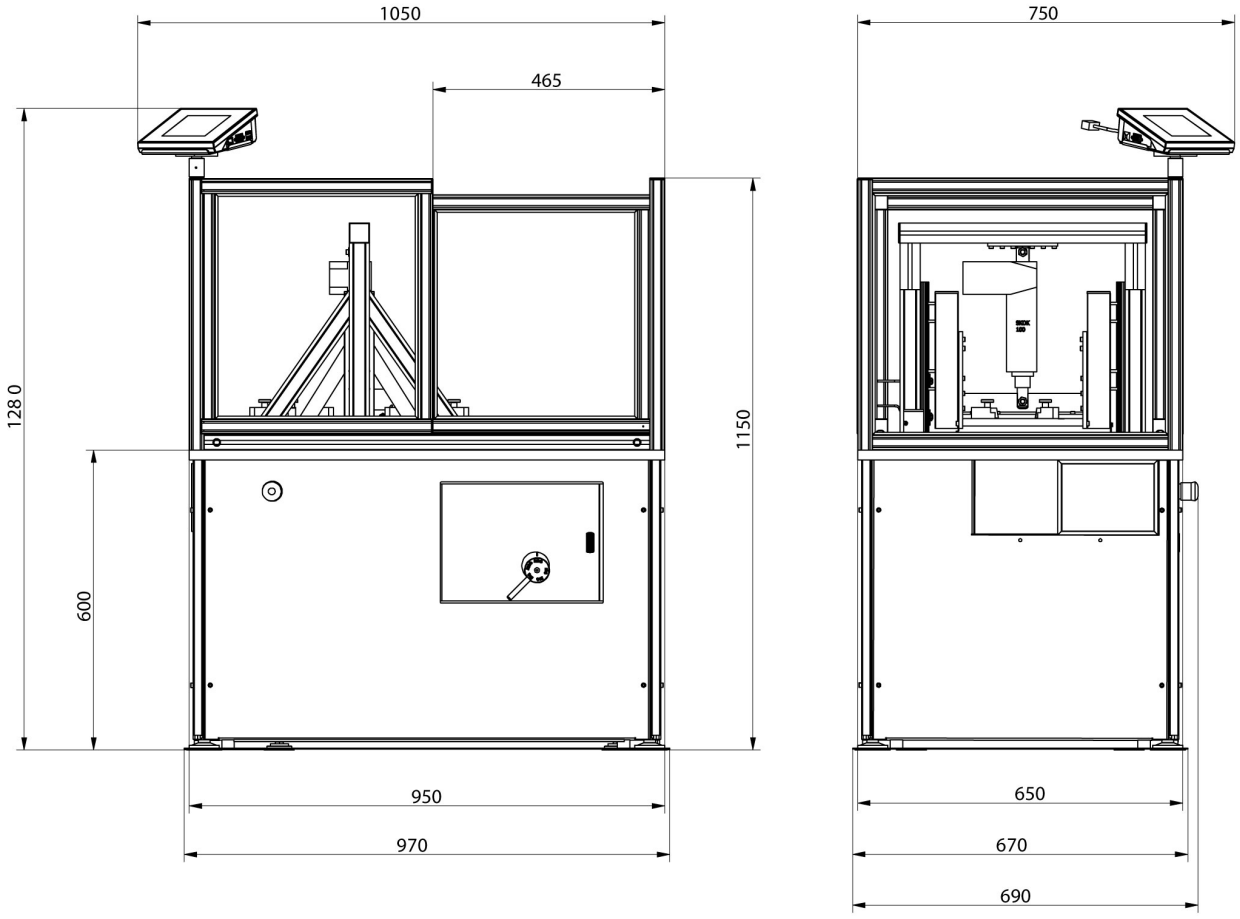
Accessories (Additional Fee)

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]

Device dimensions W x D x H



AKM-2