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# XA 52.5Y.KO Mass Comparator

WL-405-0022



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

## Functions

 Automatic sliding door

## Datasheet

Metrological parameters	
E1 Calibration Range	1 – 50 g
E2 Calibration Range	10 mg – 50 g
F1 Calibration Range	1 mg – 50 g
F2 Calibration Range	1 mg – 50 g
M1 Calibration Range	1 mg – 50 g
M2 Calibration Range	1 mg – 50 g
Maximum capacity [Max]	52 g
Readability [d]	1 µg
Standard repeatability [Max]	5 µg
Standard repeatability [5% Max]	1.5 µg
Permissible repeatability	8 µg

Metrological parameters	
Linearity	±20 µg
Eccentricity (tested load)	1d / 1 mm
Electric compensation range	0 – +52 g
Stabilization time	5 s
Adjustment	internal (automatic)
Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	ø30 mm
Weighing device dimensions	564×253×300 mm
Controlling device dimensions	249×170×72 mm
Packaging dimensions W x D x H	765×515×545 mm
Net weight	15.7 kg
Gross weight	20.1 kg
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Environmental conditions	
Operating temperature	+15 – +35 °C
Operating temperature change rate	±1 °C / 12 h
Relative humidity	40% – 70%
Relative humidity change rate	±5% / 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 F2 class mass standards specified in OIML R111 (Table C.1.) document.

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## Accessories (Additional Fee)

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

Label Printers  
 THBR 2.0 System - Ambient Conditions Monitoring  
 Anti-Draft Chamber for XA 4Y and XA 5Y Balances  
 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]

- RMCS Lite [WX-010-0164]