




More information on the website  
[radwag.com/en/info,w1,H7Z](http://radwag.com/en/info,w1,H7Z)

# XA 21.5Y.KO Mass Comparator



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

## Functions

 Automatic sliding door

## Datasheet

Metrological parameters	
E1 Calibration Range	500 mg ÷ 20 g
E2 Calibration Range	1 mg ÷ 20 g
F1 Calibration Range	1 mg ÷ 20 g
F2 Calibration Range	1 mg ÷ 20 g
M1 Calibration Range	1 mg ÷ 20 g
M2 Calibration Range	1 mg ÷ 20 g
Maximum capacity [Max]	21 g
Readability [d]	0.001 mg
Standard repeatability [5% Max]	1.2 µg
Standard repeatability [Max]	3 µg
Permissible repeatability	5 µg

Metrological parameters	
Eccentricity (tested load)	1d / 1 mm
Electric compensation range	0 ÷ 21 g
Stabilization time	5 s
Adjustment	internal (automatic)
Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	ø24 mm
Weighing device dimensions	564×253×300 mm
Controlling device dimensions	249×170×72 mm
Packaging dimensions	765×515×545 mm
Net weight	15.7 kg
Gross weight	20.1 kg
Communication interface	
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Environmental conditions	
Operating temperature	+15 ÷ +35 °C
Operating temperature change rate	±1°C/12h
Relative humidity	40% ÷ 70%
Relative humidity change rate	±5%/4h

**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.

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



## Accessories

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, 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]