



XA 6.5Y.KO Mass Comparator, XA 52.5Y.KO Mass Comparator, XA 21.5Y.KO Mass Comparator,
XA 200.5Y.KO Mass Comparator

More information on the website
radwag.com/en/info,w1,F5V



XA 6.5Y.KO Mass Comparator
XA 52.5Y.KO Mass Comparator
XA 21.5Y.KO Mass Comparator



XA 200.5Y.KO Mass Comparator

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

Functions



Automatic sliding door

Datasheet

	XA 6.5Y.KO Mass Comparator	XA 21.5Y.KO Mass Comparator	XA 52.5Y.KO Mass Comparator
Metrological parameters			
E1 Calibration Range	100 mg ÷ 5 g	500 mg ÷ 20 g	50 g
E2 Calibration Range	1 mg ÷ 5 g	1 mg ÷ 20 g	100 mg ÷ 50 g
F1 Calibration Range	1 mg ÷ 5 g	1 mg ÷ 20 g	1 mg ÷ 50 g
F2 Calibration Range	1 mg ÷ 5 g	1 mg ÷ 20 g	1 mg ÷ 50 g
M1 Calibration Range	1 mg ÷ 5 g	1 mg ÷ 20 g	1 mg ÷ 50 g
M2 Calibration Range	1 mg ÷ 5 g	1 mg ÷ 20 g	1 mg ÷ 50 g
Maximum capacity [Max]	6 g	21 g	52 g
Readability [d]	0,001 mg	0,001 mg	0,005 mg
Standard repeatability [5% Max]	1,2 µg	1,2 µg	2,5 µg
Standard repeatability [Max]	2 µg	3 µg	6 µg
Permissible repeatability	3 µg	5 µg	10 µg
Eccentricity (tested load)	1d / 1 mm	1d / 1 mm	1d / 1 mm
Electric compensation range	0 ÷ 6 g	0 ÷ 21 g	0 ÷ 52 g
Stabilization time	5 s	5 s	5 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
Physical parameters			
Display	10" touchscreen	10" touchscreen	10" touchscreen
Weighing pan dimensions	ø16 mm	ø24 mm	ø24 mm
Weighing device dimensions	564×253×300 mm	564×253×300 mm	564×253×300 mm
Controlling device dimensions	249×170×72 mm	249×170×72 mm	249×170×72 mm
Packaging dimensions	765×515×545 mm	765×515×545 mm	765×515×545 mm
Net weight	15,7 kg	15,7 kg	15,7 kg
Gross weight	20,1 kg	20,1 kg	20,1 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
Environmental conditions			
Operating temperature	+15 ÷ +35 °C	+15 ÷ +35 °C	+15 ÷ +35 °C
Operating temperature change rate	±1°C/12h	±1°C/12h	±1°C/12h
Relative humidity change rate	±5%/4h	±5%/4h	±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.

Datasheet

	XA 200.5Y.KO Mass Comparator
Metrological parameters	
E1 Calibration Range	200 g
E2 Calibration Range	50 g ÷ 200 g
F1 Calibration Range	50 mg ÷ 200 g
F2 Calibration Range	1 mg ÷ 200 g
M1 Calibration Range	1 mg ÷ 200 g
M2 Calibration Range	1 mg ÷ 200 g
Maximum capacity [Max]	210 g
Readability [d]	0,01 mg
Standard repeatability [5% Max]	0,005 mg
Standard repeatability [Max]	0,025 mg
Permissible repeatability	0,05 mg
Eccentricity (tested load)	1d / 1 mm
Electric compensation range	0 ÷ 210 g
Stabilization time	5 s
Adjustment	internal (automatic)
Physical parameters	
Display	10" touchscreen
Weighing pan dimensions	ø90 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	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Environmental conditions	
Operating temperature	+15 ÷ +35 °C
Operating temperature change rate	±1°C/12h
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
RMCS System

RMCS Lite

Device dimensions

XA 6.5Y.KO Mass Comparator, XA 52.5Y.KO Mass Comparator, XA 21.5Y.KO Mass Comparator, XA 200.5Y.KO Mass Comparator 