



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

WAY 2.5Y.KO Mass Comparator, WAY 100.5Y.KO Mass Comparator, WAY 5.5Y.KO Mass Comparator, WAY 5100.5Y.KO Mass Comparator, WAY 1200.5Y.KO Mass Comparator, WAY 500.5Y.KO Mass Comparator, WAY 1.5Y.KO Mass Comparator, WAY 200.5Y.KO Mass Comparator



WAY 2.5Y.KO Mass Comparator
WAY 500.5Y.KO Mass Comparator
WAY 1.5Y.KO Mass Comparator



WAY 100.5Y.KO Mass Comparator
WAY 200.5Y.KO Mass Comparator



WAY 5.5Y.KO Mass Comparator



WAY 5100.5Y.KO Mass Comparator



WAY 1200.5Y.KO Mass Comparator

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

Datasheet

	WAY 1.5Y.KO Mass Comparator	WAY 2.5Y.KO Mass Comparator	WAY 5.5Y.KO Mass Comparator
Metrological parameters			
E1 Calibration Range	500 g ÷ 1 kg	1 kg ÷ 2 kg	2 kg ÷ 5 kg
E2 Calibration Range	100 g ÷ 1 kg	500 g ÷ 2 kg	500 g ÷ 5 kg
F1 Calibration Range	10 g ÷ 1 kg	100 g ÷ 2 kg	200 g ÷ 5 kg
F2 Calibration Range	1 g ÷ 1 kg	10 g ÷ 2 kg	20 g ÷ 5 kg
M1 Calibration Range	1 g ÷ 1 kg	1 g ÷ 2 kg	1 g ÷ 5 kg
M2 Calibration Range	1 g ÷ 1 kg	1 g ÷ 2 kg	1 g ÷ 5 kg
Maximum capacity [Max]	1,02 kg	2,3 kg	5,05 kg
Readability [d]	0,01 mg	0,1 mg	0,1 mg
Standard repeatability [5% Max]	0,025 mg	0,08 mg	0,15 mg
Standard repeatability [Max]	0,03 mg	0,1 mg	0,2 mg
Permissible repeatability	0,05 mg	0,2 mg	0,35 mg
Eccentricity (tested load)	1d / 1 mm	0 mg*	0 mg*
Electric compensation range	-10 g ÷ +20 g	-50 g ÷ +300 g	-10 g ÷ +50 g
Stabilization time	30 s	20 s	20 s
Adjustment	internal	internal	internal
Physical parameters			
Display	10" touchscreen	10" touchscreen	10" touchscreen
Weighing pan dimensions	ø60 mm	ø70 mm	ø90 mm
Weighing device dimensions	385×215×525 mm	385×215×525 mm	385×217×545 mm
Controlling device dimensions	249×170×72 mm	249×170×72 mm	249×170×72 mm
Anti-draft chamber dimensions	660×470×700 mm	660×470×700 mm	560×340×570 mm
Packaging dimensions	860×800×550 mm	945×820×1260 mm	945×820×1260 mm
Chamber packaging size	820×850×630 mm	820×850×630 mm	820×850×630 mm
Net weight	38 kg	39,5 kg	39 kg
Gross weight	58 kg	59,5 kg	59 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 ÷ +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	± 3 % / 4 h	±3%/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 E1 class mass standards specified in OIML R111 (Table C.1.) document. Eccentricity (tested load) – suspended self-centring weighing pan (available as an option): 0 mg
 * Eccentricity (tested load): 1 d / mm

Datasheet

	WAY 100.5Y.KO Mass Comparator	WAY 200.5Y.KO Mass Comparator	WAY 500.5Y.KO Mass Comparator
Metrological parameters			
E1 Calibration Range	5 g ÷ 100 g	5 g ÷ 200 g	200 g ÷ 500 g
E2 Calibration Range	100 mg ÷ 100 g	100 mg ÷ 200 g	10 g ÷ 500 g
F1 Calibration Range	1 mg ÷ 100 g	1 mg ÷ 200 g	500 mg ÷ 500 g
F2 Calibration Range	1 mg ÷ 100 g	1 mg ÷ 200 g	1 mg ÷ 500 g
M1 Calibration Range	1 mg ÷ 100 g	1 mg ÷ 200 g	1 mg ÷ 500 g
M2 Calibration Range	1 mg ÷ 100 g	1 mg ÷ 200 g	1 mg ÷ 500 g
Maximum capacity [Max]	110 g	210 g	520 g
Readability [d]	0,001 mg	0,001 mg	0,01 mg
Standard repeatability [5% Max]	2,5 µg	3 µg	0,012 mg
Standard repeatability [Max]	3 µg	4 µg	0,02 mg
Permissible repeatability	5 µg	6 µg	0,035 mg
Eccentricity (tested load)	0 mg*	0 mg*	1 d / 1 mm
Electric compensation range	-1 g ÷ +10 g	-1 g ÷ +10 g	-10 g ÷ +20 g
Stabilization time	30 s	30 s	30 s
Adjustment	internal	internal	internal
Physical parameters			
Display	10" touchscreen	10" touchscreen	10" touchscreen
Weighing pan dimensions	ø30 mm	ø40 mm	ø50 mm
Weighing device dimensions	385×217×524 mm	385×217×525 mm	385×215×525 mm
Controlling device dimensions	249×170×72 mm	249×170×72 mm	249×170×72 mm
Anti-draft chamber dimensions	560×340×570 mm	560×565×340 mm	560×300×665 mm
Packaging dimensions	945×820×1260 mm	945×820×1260 mm	945×820×1260 mm
Chamber packaging size	820×850×630 mm	860×830×840 mm	820×850×630 mm
Net weight	36,5 kg	22,5 kg	37,5 kg
Gross weight	56,5 kg	32,5 kg	57,5 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 ÷ +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	± 3 % / 4 h	± 3 % / 4 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. Eccentricity (tested load) – suspended self-centring weighing pan (available as an option): 0 mg

* Eccentricity (tested load): 1 d / mm

Datasheet

	WAY 1200.5Y.KO Mass Comparator	WAY 5100.5Y.KO Mass Comparator
Metrological parameters		
E1 Calibration Range	-	-
E2 Calibration Range	500 g ÷ 1 kg	5 kg
F1 Calibration Range	100 g ÷ 1 kg	1 kg ÷ 5 kg
F2 Calibration Range	5 g ÷ 1 kg	500 g ÷ 5 kg
M1 Calibration Range	1 g ÷ 1 kg	200 g ÷ 5 kg
M2 Calibration Range	1 g ÷ 1 kg	10 g ÷ 5 kg
Maximum capacity [Max]	1200 g	5100 g
Readability [d]	0,1 mg	1 mg
Standard repeatability [5% Max]	0,08 mg	0,8 mg
Standard repeatability [Max]	0,1 mg	1 mg
Permissible repeatability	0,2 mg	2 mg
Eccentricity (tested load)	1d / 1 mm	1d / 5 mm
Electric compensation range	0 g ÷ +1200 g	0 g ÷ +5100 g
Stabilization time	10 s	10 s
Adjustment	internal	internal
Physical parameters		
Display	10" touchscreen	10" touchscreen
Weighing pan dimensions	ø80 mm	ø100 mm
Weighing device dimensions	385×203×407 mm	385×195×210 mm
Controlling device dimensions	249×170×72 mm	249×170×72 mm
Anti-draft chamber dimensions	560×340×455 mm	560×340×455 mm
Packaging dimensions	860×750×560 mm	945×820×1260 mm
Chamber packaging size	820×735×630 mm	820×735×630 mm
Net weight	16 kg	16 kg
Gross weight	31 kg	24,5 kg
Communication interface		
Communication interface	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Environmental conditions		
Operating temperature	+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)
Relative humidity change rate	± 3 % / 4 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. Eccentricity (tested load) – suspended self-centring weighing pan (available as an option): 0 mg * Eccentricity (tested load): 1 d / mm

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



Accessories

Suspended Self-Centring Weighing Pan for WAY 5Y.KO Manual Mass Comparator
 Label Printers
 THBR 2.0 System - Ambient Conditions Monitoring
 RFID Tags
 Receipt Printer
 Antivibration Tables
 Fingerprint Reader

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

RS 232, RS 485 cables
RS 232 cables (scale - printer)

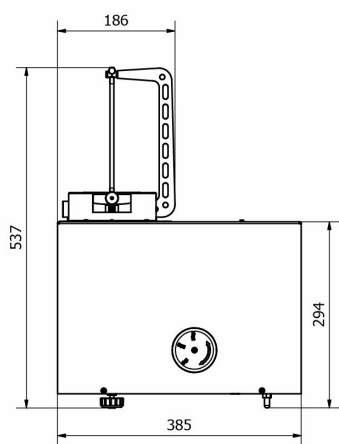
Software

RAD-KEY
RMCS System

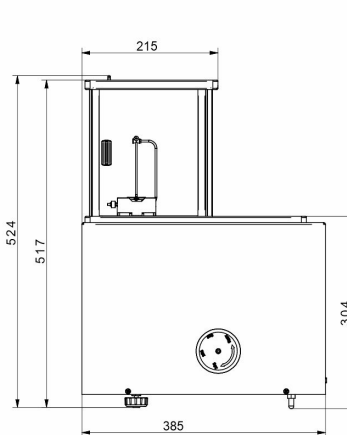
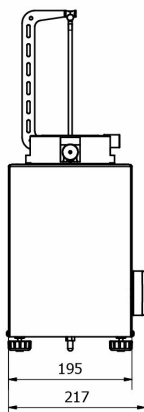
RMCS Lite

Device dimensions

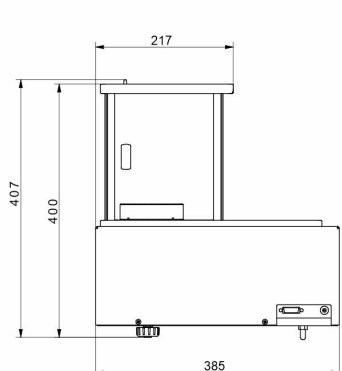
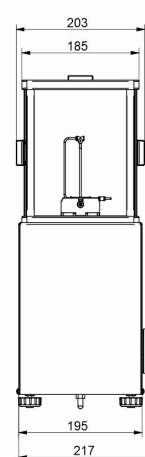
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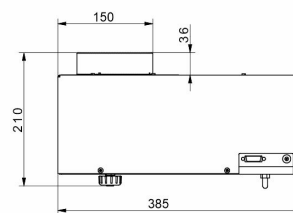
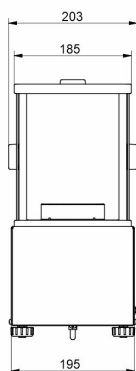
WAY 5.5Y.KO



WAY 100.5Y.KO



WAY 1200.5Y.KO



WAY 5100.5Y.KO