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# WAY 100.5Y.KO Mass Comparator



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

## Datasheet

Metrological parameters	
E1 Calibration Range	5 – 100 g
E2 Calibration Range	100 mg – 100 g
F1 Calibration Range	1 mg – 100 g
F2 Calibration Range	1 mg – 100 g
M1 Calibration Range	1 mg – 100 g
M2 Calibration Range	1 mg – 100 g
Maximum capacity [Max]	110 g
Readability [d]	0.001 mg
Standard repeatability [5% Max]	2.5 µg
Standard repeatability [Max]	3 µg
Permissible repeatability	5 µg
Eccentricity (tested load)	0 mg*
Electric compensation range	-1 g – +10 g
Stabilization time	30 s
Adjustment	internal

Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	ø30 mm
Weighing device dimensions	385×217×524 mm
Controlling device dimensions	249×170×72 mm
Anti-draft chamber dimensions	560×340×570 mm
Packaging dimensions	945×820×1260 mm
Chamber packaging size	820×850×630 mm
Net weight	36.5 kg
Gross weight	56.5 kg
Supplementary weights internal	automatic
Supplementary weights external	10 g

Communication interface	
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot

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	±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

RFID Tags  
 Antivibration Tables  
 Suspended Self-Centring Weighing Pan for WAY 5Y.KO Manual Mass Comparator  
 Additional modules  
 Protective cover for balances  
 Barcode scanners  
 RS 232, RS 485 cables

Label Printers  
 THBR 2.0 System - Ambient Conditions Monitoring  
 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]

## Device dimensions



WAY 5.5Y.KO



WAY 100.5Y.KO



WAY 1200.5Y.KO



WAY 5100.5Y.KO