



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

WAY 5.5Y.KO Mass Comparator

WL-406-0044



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

Datasheet

Metrological parameters	
E1 Calibration Range	2 – 5 kg
E2 Calibration Range	500 g – 5 kg
F1 Calibration Range	200 g – 5 kg
F2 Calibration Range	20 g – 5 kg
M1 Calibration Range	1 g – 5 kg
M2 Calibration Range	1 g – 5 kg
Maximum capacity [Max]	5.05 kg
Readability [d]	0.1 mg
Standard repeatability [5% Max]	0.15 mg
Standard repeatability [Max]	0.2 mg
Permissible repeatability	0.35 mg
Eccentricity (tested load)	0 mg*
Electric compensation range	-10 g – +50 g
Stabilization time	20 s
Adjustment	internal (automatic)

Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	ø90 mm
Weighing device dimensions	385×217×545 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	39 kg
Gross weight	59 kg
Supplementary weights internal	automatic
Supplementary weights external	500 g, 300 g, 100 g, 50 g, 30 g, 2×10 g
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), 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	±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 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 (Additional Fee)

RFID Tags	THBR 2.0 System - Ambient Conditions Monitoring
Antivibration Tables	Receipt Printer
Additional modules	Suspended Self-Centring Weighing Pan for WAY 5Y.KO Manual Mass
Protective cover for balances	Comparator
Barcode scanners	Fingerprint Reader
RS 232, RS 485 cables	RS 232, RS 485 cables
Label Printers	RS 232 cables (scale - printer)

Software (Additional Fee)

• RAD Key [WX-010-0005]	• RMCS Lite [WX-010-0164]
• RMCS System Network Management of Calibration Process [WX-010-0048]	

Device dimensions



WAY 5.5Y.KO



WAY 100.5Y.KO



WAY 1200.5Y.KO



WAY 5100.5Y.KO

