



More information on the website
mirror.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 [Max] | 0.2 mg |
| Standard repeatability [5% Max] | 0.15 mg |
| Permissible repeatability | 0.35 mg |
| Linearity | ±0.5 mg |
| Eccentricity (tested load) | 0 mg* |
| Electric compensation range | -10 g – +50 g |
| Stabilization time | 20 s |

| Metrological parameters | |
|-----------------------------------|---|
| Adjustment | internal (automatic) |
| Physical parameters | |
| Display | 10" graphic colour touchscreen |
| Weighing pan dimensions | ø90 mm |
| Weighing device dimensions | 385×195×538 mm |
| Controlling device dimensions | 249×170×72 mm |
| Anti-draft chamber dimensions | 560×340×570 mm |
| Packaging dimensions W x D x H | 945×820×1260 mm |
| Chamber packaging size | 820×850×630 mm |
| Net weight | 39 kg |
| Gross weight | 59 kg |
| Construction | |
| 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
 Antivibration Tables
 Additional modules
 Protective cover for balances
 Barcode scanners
 RS 232, RS 485 cables

Label Printers
 THBR 2.0 System - Ambient Conditions Monitoring
 Receipt Printer
 Suspended Self-Centring Weighing Pan for WAY 5Y.KO Manual Mass Comparator
 Fingerprint Reader
 RS 232 cables (scale - printer)

Software (Additional Fee)

• RAD Key [WX-010-0005]

• RMCS System Network Management of Calibration Process [WX-010-0048]

Device dimensions W x D x H



WAY 5.5Y.KO



WAY 100.5Y.KO



WAY 1.5Y.KO
WAY 2.5Y.KO
WAY 200.5Y.KO
WAY 500.5Y.KO



WAY 1200.5Y.KO



WAY 5100.5Y.KO