



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

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