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# 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