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[radwag.com/en/info,w1,2RI](https://radwag.com/en/info,w1,2RI)

# HRP 1000.5Y.KO.Q Mass Comparator



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

## Datasheet

| Metrological parameters         |                      |
|---------------------------------|----------------------|
| E1 Calibration Range            | -                    |
| E2 Calibration Range            | -                    |
| F1 Calibration Range            | -                    |
| F2 Calibration Range            | 500 kg ÷ 1000 kg     |
| M1 Calibration Range            | 200 kg ÷ 1000 kg     |
| M2 Calibration Range            | 100 kg ÷ 1000 kg     |
| Maximum capacity [Max]          | 1100 kg              |
| Readability [d]                 | 1 g                  |
| Standard repeatability [5% Max] | 2 g                  |
| Standard repeatability [Max]    | 3.5 g                |
| Linearity                       | +/-20 g              |
| Eccentricity (tested load)      | 1d / 1 mm            |
| Electric compensation range     | 0 ÷ 1100 kg          |
| Stabilization time              | 15 s                 |
| Adjustment                      | internal (automatic) |

| Physical parameters                                                 |                                                |
|---------------------------------------------------------------------|------------------------------------------------|
| Display                                                             | 10" graphic colour touchscreen                 |
| Weighing pan dimensions                                             | 1000×800 mm                                    |
| Controlling device dimensions                                       | 249×170×72 mm                                  |
| Comparator packaging dimensions without self-centering weighing pan | 1200×1000×440 mm                               |
| Net weight                                                          | 200 kg                                         |
| Net weight                                                          | 200 kg                                         |
| Gross weight                                                        | 269 kg                                         |
| Gross weight                                                        | 269 kg                                         |
| Recommended load speed                                              | 0.3 m/min                                      |
| Maximum permissible load speed                                      | 0.6 m/min                                      |
| Weighing unit dimensions without self-centering weighing pan        | 1010×800×182 mm                                |
| 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                                   | ±1°C/12h                                       |
| Relative humidity                                                   | 40% ÷ 60%                                      |
| Relative humidity change rate                                       | ±5%/4h                                         |

**Repeatability** is expressed as a standard deviation determined for 6 ABBA cycles. Standard deviation is experimentally determined under ambient conditions for calibration of F2 class mass standards specified in OIML R111 (Table C.1.) document.

\* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



## Accessories

RFID Tags  
Self-centering pan for HRP KO comparator  
Additional modules  
Protective cover for balances  
Barcode scanners

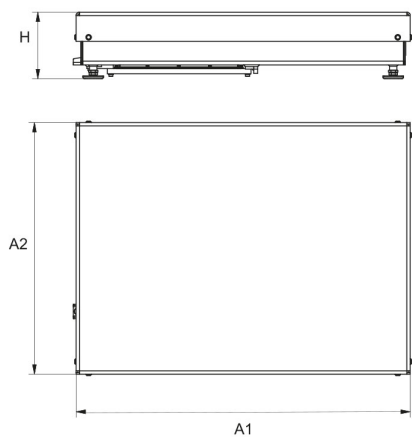
THBR 2.0 System - Ambient Conditions Monitoring  
RS 232, RS 485 cables  
Receipt Printer  
Fingerprint Reader

## Software

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

• RMCS Lite [WX-010-0164]

## Device dimensions



| Type           | A1   | A2   | H   |
|----------------|------|------|-----|
| HRP 200.5Y.KO  | 809  | 600  | 162 |
| HRP 500.5Y.KO  | 809  | 600  | 162 |
| HRP 1000.5Y.KO | 1011 | 800  | 182 |
| HRP 1500.5Y.KO | 1250 | 1000 | 235 |
| HRP 2000.5Y.KO | 1250 | 1000 | 235 |

Dimensions in mm