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# HRP 2000.5Y.KO 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            | 2000 kg              |
| M1 Calibration Range            | 500 kg ÷ 2000 kg     |
| M2 Calibration Range            | 200 kg ÷ 2000 kg     |
| Maximum capacity [Max]          | 2100 kg              |
| Readability [d]                 | 2 g                  |
| Standard repeatability [5% Max] | 2.5 g                |
| Standard repeatability [Max]    | 5 g                  |
| Permissible repeatability       | 10 g                 |
| Eccentricity (tested load)      | 1d / 1 mm            |
| Electric compensation range     | 0 ÷ 2100 kg          |
| Stabilization time              | 10 s                 |
| Adjustment                      | internal (automatic) |

| Physical parameters               |  |
|-----------------------------------|--|
| Display                           | 10" graphic colour touchscreen                 |
| Weighing pan dimensions           | 1250×1000 mm                                   |
| Packaging dimensions              | 1250×1500×613 mm                               |
| Net weight                        | 530 kg   |
| Net weight                        | 530 kg   |
| Gross weight                      | 665 kg   |
| Gross weight                      | 665 kg   |
| Recommended load speed            | 0.3 m/min                                      |
| Maximum permissible load speed    | 0.6 m/min                                      |
| 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.

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## Accessories

RFID Tags  
 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