



# HRP 2000.5Y.KB Mass Comparator

WL-414-0029

More information on the website  
[mirror.radwag.com/en/info,w1,PZI](http://mirror.radwag.com/en/info,w1,PZI)



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

## Datasheet

| Metrological parameters         |                                |
|---------------------------------|--------------------------------|
| M1 Calibration Range            | 2000 kg                        |
| M2 Calibration Range            | 500 – 2000 kg                  |
| Maximum capacity [Max]          | 2100 kg                        |
| Readability [d]                 | 10 g                           |
| Standard repeatability [5% Max] | 8 g                            |
| Standard repeatability [Max]    | 12 g                           |
| Permissible repeatability       | 15 g                           |
| Linearity                       | ±120 g                         |
| Eccentricity (tested load)      | 0.5d / 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                   |

| Physical parameters                  |   |
|--------------------------------------|---|
| Controlling device dimensions        | 249×170×72 mm   |
| Packaging dimensions W x D x H       | 1500×1250×615 mm  |
| Net weight/gross weight (comparator) | 300 / 400 kg  |
| Recommended load speed               | 0.3 m/min   |
| 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    | ±2 °C / 12 h  |
| Relative humidity                    | 40% – 60%   |
| Relative humidity change rate        | ±10% / 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 F2 class mass standards specified in OIML R111 (Table C.1.) document.

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## Accessories (Additional Fee)

RFID Tags  
 Additional modules  
 Protective cover for balances  
 Barcode scanners  
 THBR 2.0 System - Ambient Conditions Monitoring

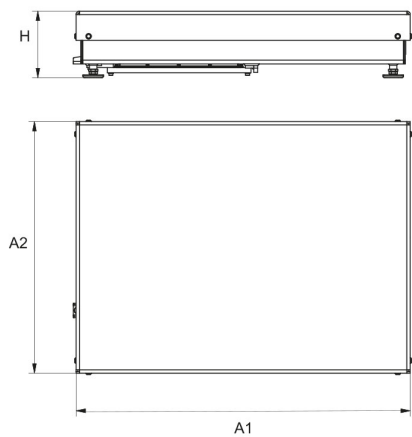
RS 232, RS 485 cables  
 Receipt Printer  
 Stands, wall mounting kits and mounting brackets  
 Fingerprint Reader

## Software (Additional Fee)

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

- RMCS Lite [WX-010-0164]

## Device dimensions W x D x H



| 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