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# HRP 2000.5Y.KB Mass Comparator

WL-414-0029



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

## Datasheet

Metrological parameters	
M1 Calibration Range	500 – 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
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
Controlling device dimensions	249×170×72 mm

Physical parameters	
Packaging dimensions	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

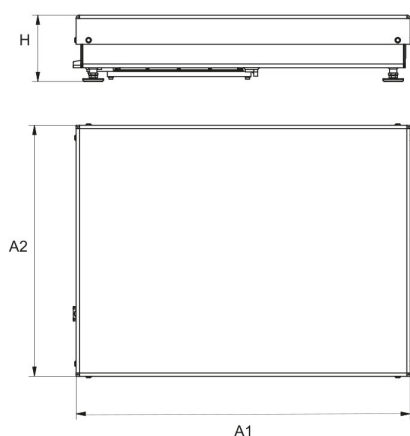
RS 232, RS 485 cables  
Receipt Printer  
Stands, wall mounting kits and mounting brackets  
Fingerprint Reader

## 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



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