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# HRP 500.5Y.KO Mass Comparator



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

## Datasheet

Metrological parameters	
E1	-
E2	-
F1	-
F2	500 kg
M1	100 kg ÷ 500 kg
M2	50 kg ÷ 500 kg
Maximum capacity [Max]	510 kg
Readability [d]	0,5 g
Standard repeatability [5% Max]	0,6 g
Standard repeatability [Max]	1,5 g
Permissible repeatability	3 g
Eccentricity (tested load)	2d / 1 mm
Electric compensation range	0 ÷ 510 kg
Stabilization time	10 s
Adjustment	external

Physical parameters	
Display	10" touchscreen
Weighing pan dimensions	800×600 mm
Self-centering weighing pan dimensions	600×600 (extra charge) mm
Weighing unit dimensions with self-centering weighing pan	810×600×260 mm
Controlling device dimensions	249×170×72 mm
Comparator packaging dimensions without self-centering weighing pan	988×800×310 mm
Comparator packaging dimensions with self-centering weighing pan	988×800×355 mm
Net weight	13,5 kg
Gross weight	166,5 kg
Recommended load speed	0,3 m/min
Maximum permissible load speed	0,6 m/min
Weighing unit dimensions without self-centering weighing pan	810×600×165 mm

Communication interface	
Communication interface	USB-A x2, 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

Barcode scanners  
 Protective cover for balances  
 THBR 2.0 System - Ambient Conditions Monitoring

Receipt Printer  
 Fingerprint Reader

## Software

RAD-KEY  
 THB-R

RMCS System

## 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