



HRP 500.1.5Y.KO Mass Comparator, HRP 200.5Y.KO Mass Comparator, HRP 500.5Y.KO Mass Comparator, HRP 1000.5Y.KO Mass Comparator, HRP 2000.5Y.KO Mass Comparator

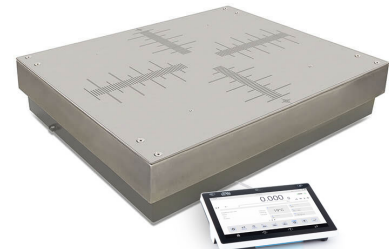
More information on the website  
[radwag.com/en/info,w1,FSF](http://radwag.com/en/info,w1,FSF)



HRP 500.1.5Y.KO Mass Comparator



HRP 200.5Y.KO Mass Comparator  
 HRP 500.5Y.KO Mass Comparator  
 HRP 1000.5Y.KO Mass Comparator



HRP 2000.5Y.KO Mass Comparator

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

## Datasheet

	HRP 200.5Y.KO Mass Comparator	HRP 500.5Y.KO Mass Comparator	HRP 500.1.5Y.KO Mass Comparator
<b>Metrological parameters</b>			
E1 Calibration Range	-	-	-
E2 Calibration Range	-	-	-
F1 Calibration Range	-	-	500 kg
F2 Calibration Range	200 kg	500 kg	100 kg ÷ 500 kg
M1 Calibration Range	50 kg ÷ 200 kg	100 kg ÷ 500 kg	20 kg ÷ 500 kg
M2 Calibration Range	10 kg ÷ 200 kg	50 kg ÷ 500 kg	10 kg ÷ 500 kg
Maximum capacity [Max]	210 kg	510 kg	510 kg
Readability [d]	0,2 g	0,5 g	0,1 g
Standard repeatability [5% Max]	0,4 g	0,6 g	0,2 g
Standard repeatability [Max]	0,6 g	1,5 g	0,4 g
Permissible repeatability	1 g	3 g	0,6 g
Eccentricity (tested load)	2d / 1 mm	2d / 1 mm	2d / 1 mm
Electric compensation range	0 ÷ 210 kg	0 ÷ 510 kg	0 ÷ 510 kg
Stabilization time	10 s	10 s	10 s
Adjustment	internal (automatic)	external	external
<b>Physical parameters</b>			
Display	10" touchscreen	10" touchscreen	10" touchscreen
Weighing pan dimensions	800×600 mm	800×600 mm	1000×800 mm
Self-centering weighing pan dimensions	600×600 (extra charge) mm	600×600 (extra charge) mm	600×600 (extra charge) mm
Weighing unit dimensions with self-centering weighing pan	810×600×260 mm	810×600×260 mm	1010×800×275 mm
Controlling device dimensions	249×170×72 mm	249×170×72 mm	249×170×72 mm
Comparator packaging dimensions without self-centering weighing pan	1000×800×310 mm	988×800×310 mm	1200×1000×440 mm
Comparator packaging dimensions with self-centering weighing pan	1000×800×355 mm	988×800×355 mm	1200×1000×485 mm
Net weight	106 kg	13,5 kg	200 kg
Gross weight	141 kg	166,5 kg	269 kg
<b>Communication interface</b>			
Communication interface	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
<b>Environmental conditions</b>			
Operating temperature	+15 ÷ +30 °C	+15 ÷ +30 °C	+15 ÷ +30 °C
Operating temperature change rate	±1°C/12h	±1°C/12h	±1°C/12h
Relative humidity change rate	±5%/4h	±5%/4h	±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.

## Datasheet

	HRP 1000.5Y.KO Mass Comparator	HRP 2000.5Y.KO Mass Comparator
<b>Metrological parameters</b>		
E1 Calibration Range	-	-
E2 Calibration Range	-	-
F1 Calibration Range	-	-
F2 Calibration Range	500 kg ÷ 1000 kg	2000 kg
M1 Calibration Range	200 kg ÷ 1000 kg	500 kg ÷ 2000 kg
M2 Calibration Range	100 kg ÷ 1000 kg	200 kg ÷ 2000 kg
Maximum capacity [Max]	1050 kg	2100 kg
Readability [d]	1 g	2 g
Standard repeatability [5% Max]	1,5 g	2,5 g
Standard repeatability [Max]	2,5 g	5 g
Permissible repeatability	5 g	10 g
Eccentricity (tested load)	1d / 1 mm	1d / 1 mm
Electric compensation range	0 ÷ 1050 kg	0 ÷ 2100 kg
Stabilization time	10 s	10 s
Adjustment	internal (automatic)	internal (automatic)
<b>Physical parameters</b>		
Display	10" touchscreen	10" touchscreen
Weighing pan dimensions	1000x800 mm	1250x1000 mm
Self-centering weighing pan dimensions	600x600 (extra charge) mm	920x920 (extra charge) mm
Weighing unit dimensions with self-centering weighing pan	1010x800x275 mm	1250x1000x430 mm
Controlling device dimensions	249x170x72 mm	249x170x72 mm
Comparator packaging dimensions without self-centering weighing pan	1200x1000x440 mm	1500x1250x635 mm
Comparator packaging dimensions with self-centering weighing pan	1200x1000x485 mm	1500x1200x735 mm
Net weight	200 kg	530 kg
Gross weight	269 kg	665 kg
<b>Communication interface</b>		
Communication interface	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
<b>Environmental conditions</b>		
Operating temperature	+15 ÷ +30 °C	+15 ÷ +30 °C
Operating temperature change rate	±1°C/12h	±1°C/12h
Relative humidity change rate	±5%/4h	±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

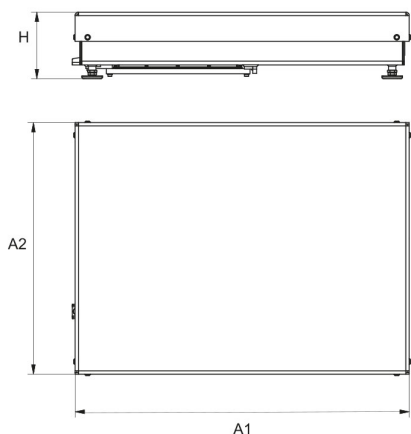
## Software

RAD-KEY  
RMCS System

RMCS Lite

## Device dimensions

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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