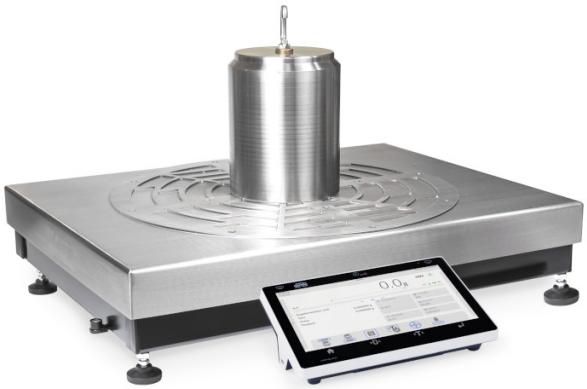
radwag.com

HRP 500.5Y.KO Mass Comparator

WL-414-0025

More information on the website
mirror.radwag.com/en/info,w1,FZ5



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

Datasheet

Metrological parameters	
F2 Calibration Range	500 kg
M1 Calibration Range	100 – 500 kg
M2 Calibration Range	50 – 500 kg
Maximum capacity [Max]	510 kg
Readability [d]	0.5 g
Standard repeatability [Max]	1.5 g
Standard repeatability [5% Max]	0.6 g
Permissible repeatability	3 g
Linearity	±15 g
Eccentricity (tested load)	2d / 1 mm
Electric compensation range	0 – +510 kg
Stabilization time	10 s
Adjustment	internal (automatic)
Physical parameters	
Display	10" graphic colour touchscreen

Physical parameters	
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
Controling 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	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Environmental conditions	
Operating temperature	+15 – +30 °C
Operating temperature change rate	±1 °C / 12 h
Relative humidity	40% – 60%
Relative humidity change rate	±5% / 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.

* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.

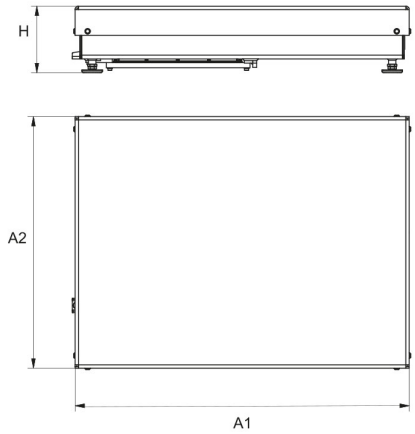
Accessories (Additional Fee)

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
Self-centering pan for HRP KO comparator

Software (Additional Fee)

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

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