



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

HRP 1000.5Y.KB Mass Comparator



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

Datasheet

Metrological parameters	
E1 Calibration Range	-
E2 Calibration Range	-
F1 Calibration Range	-
F2 Calibration Range	-
M1 Calibration Range	1000 kg
M2 Calibration Range	200 kg ÷ 1000 kg
Maximum capacity [Max]	1050 kg
Readability [d]	10 g
Standard repeatability [5% Max]	6 g
Standard repeatability [Max]	10 g
Permissible repeatability	15 g
Eccentricity (tested load)	1d / 5 mm
Electric compensation range	0 ÷ 1050 kg
Stabilization time	10 s
Adjustment	internal (automatic)

Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	1000×800 mm
Controlling device dimensions	249×170×72 mm
Comparator packaging dimensions without self-centering weighing pan	1200×1000×440 mm
Net weight	121 kg
Gross weight	161 kg
Recommended load speed	0.3 m/min
Maximum permissible load speed	0.6 m/min
Weighing unit dimensions without self-centering weighing pan	1010×800×182 mm
Communication interface	
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Environmental conditions	
Operating temperature	+15 ÷ +30 °C
Operating temperature change rate	±2°C/12h
Relative humidity	40% ÷ 60%
Relative humidity change rate	±10%/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
 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 [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