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radwag.com/en/info,w1,EVM

HRP 150.1.5Y.KO Mass Comparator

WL-414-0023



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

Datasheet

Metrological parameters	
F1 Calibration Range	100 kg
F2 Calibration Range	50 – 100 kg
M1 Calibration Range	20 – 100 kg
M2 Calibration Range	10 – 100 kg
Maximum capacity [Max]	151 kg
Readability [d]	0.05 g
Standard repeatability [5% Max]	0.1 g
Standard repeatability [Max]	0.15 g
Permissible repeatability	0.25 g
Eccentricity (tested load)	2d / 1 mm
Electric compensation range	0 – 151 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 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	143.5 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	RS 232, RS 485 cables
Additional modules	Receipt Printer
Protective cover for balances	Stands, wall mounting kits and mounting brackets
Barcode scanners	Fingerprint Reader
THBR 2.0 System - Ambient Conditions Monitoring	

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