5Y.50.PM.KB Mass Comparator

WL-416-0005

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	50 kg
M1 Calibration Range	10 – 50 kg
M2 Calibration Range	5 – 50 kg
Maximum capacity [Max]	51 kg
Readability [d]	100 mg
Standard repeatability [Max]	100 mg
Standard repeatability [5% Max]	70 mg
Permissible repeatability	150 mg
Linearity	±0.3 g
Eccentricity (tested load)	1d / 2 mm
Electric compensation range	0 – 51 kg
Stabilization time	3 s

Metrological parameters	
Adjustment	internal

Physical parameters	
Display	10" graphic colour touchscreen
Weighing pan dimensions	302×252 mm
Weighing device dimensions	370×280×150 mm
Controling device dimensions	249×170×72 mm
Packaging dimensions W x D x H	520×520×280 mm
Net weight	12 kg
Gross weight	14.2 kg

Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot

Environmental conditions	
Operating temperature	+10 − +40 °C
Operating temperature change rate	±2 °C / 12 h
Relative humidity	30% − 70%
Relative humidity change rate	±10% / 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.
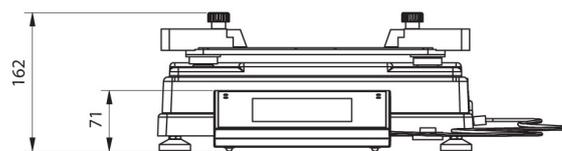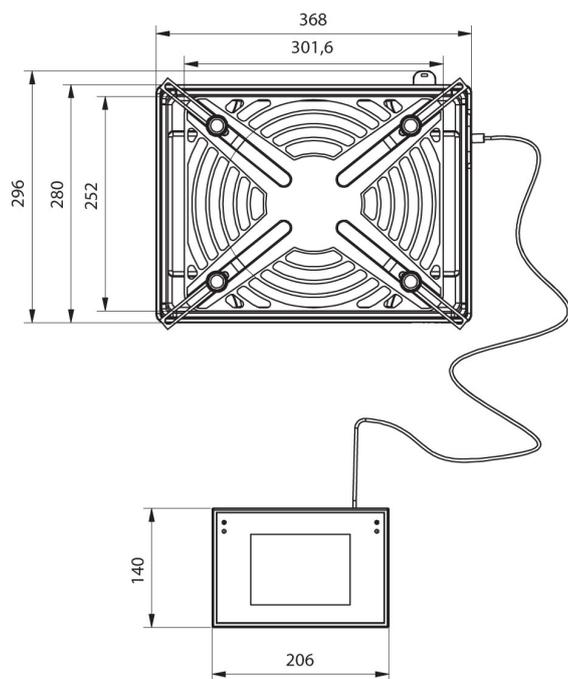
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Accessories (Additional Fee)

RFID Tags	RS 232, RS 485 cables
Additional modules	Label Printers
Protective cover for balances	THBR 2.0 System - Ambient Conditions Monitoring
Barcode scanners	Receipt Printer
Balance Storage Case	Fingerprint Reader
Antivibration Tables	RS 232 cables (scale - printer)

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 W x D x H

368

301,6

296

280

252

162

71

140

206

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