



5Y.50.PM.KB Mass Comparator, 5Y.25.PM.KB Mass Comparator

More information on the website  
[radwag.com/en/info,w1,Q09](http://radwag.com/en/info,w1,Q09)



5Y.50.PM.KB Mass Comparator  
 5Y.25.PM.KB Mass Comparator

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

## Datasheet

	5Y.25.PM.KB Mass Comparator	5Y.50.PM.KB Mass Comparator
<b>Metrological parameters</b>		
E1 Calibration Range	-	-
E2 Calibration Range	-	-
F1 Calibration Range	10 kg ÷ 20 kg	-
F2 Calibration Range	5 kg ÷ 20 kg	50 kg
M1 Calibration Range	1 kg ÷ 25 kg	10 kg ÷ 50 kg
M2 Calibration Range	500 g ÷ 25 kg	5 kg ÷ 50 kg
Maximum capacity [Max]	25,5 kg	51 kg
Readability [d]	10 mg	100 mg
Standard repeatability [5% Max]	5 mg	70 mg
Standard repeatability [Max]	12 mg	100 mg
Permissible repeatability	15 mg	150 mg
Eccentricity (tested load)	1d / 2 mm	1d / 2 mm
Electric compensation range	0 ÷ 25,5 kg	0 ÷ 51 kg
Stabilization time	5 s	3 s
Adjustment	internal	internal
<b>Physical parameters</b>		
Display	10" touchscreen	10" touchscreen
Weighing pan dimensions	302×252 mm	302×252 mm
Weighing device dimensions	370×280×150 mm	370×280×150 mm
Controlling device dimensions	249×170×72 mm	249×170×72 mm
Packaging dimensions	520×520×280 mm	520×520×280 mm
Net weight	11,5 kg	12 kg
Gross weight	13,7 kg	14,2 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
<b>Environmental conditions</b>		
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C
Operating temperature change rate	±2°C/12h	±2°C/12h
Relative humidity change rate	±10%/4h	±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  
Balance Storage Case  
Antivibration Tables  
RS 232, RS 485 cables

Label Printers  
THBR 2.0 System - Ambient Conditions Monitoring  
Receipt Printer  
Fingerprint Reader  
RS 232, RS 485 cables  
RS 232 cables (scale - printer)

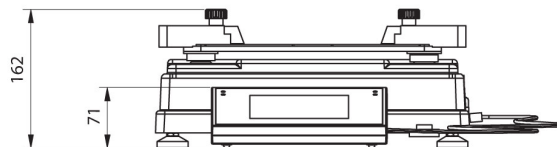
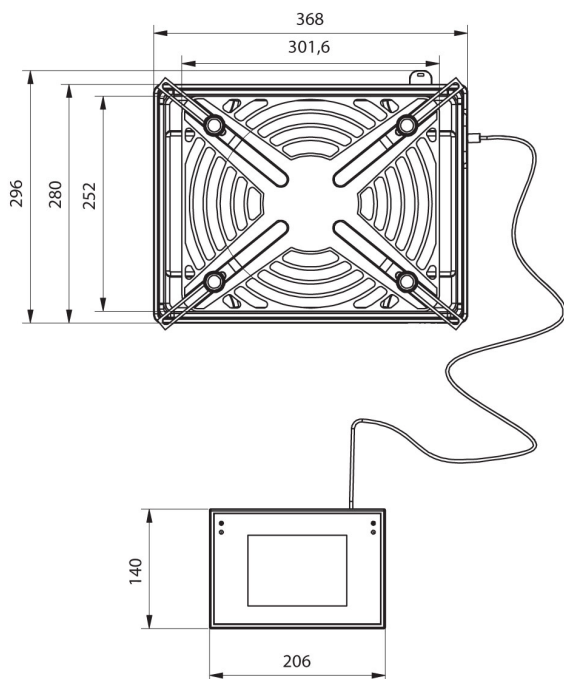
## Software

RAD-KEY  
RMCS System

RMCS Lite

## Device dimensions

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PM 4Y.KB