



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

# 5Y.50.PM.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            | 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 [5% Max] | 70 mg      |
| Standard repeatability [Max]    | 100 mg     |
| Permissible repeatability       | 150 mg     |
| Eccentricity (tested load)      | 1d / 2 mm  |
| Electric compensation range     | 0 – 51 kg  |
| Stabilization time              | 3 s        |
| Adjustment                      | internal   |

| Physical parameters               |  |
|-----------------------------------|--|
| Display                           | 10" graphic colour touchscreen                 |
| Weighing pan dimensions           | 302×252 mm                                     |
| Weighing device dimensions        | 370×280×150 mm                                 |
| Controlling device dimensions     | 249×170×72 mm                                  |
| Packaging dimensions              | 520×520×280 mm                                 |
| Net weight                        | 12 kg  |
| Gross weight                      | 14.2 kg  |
| Communication interface           |  |
| Communication interface           | 2×USB-A, USB-C, 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.

\* 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 [WX-010-0005]
- RMCS System Network Management of Calibration Process [WX-010-0048]

- RMCS Lite [WX-010-0164]

## Device dimensions



PM 4Y.KB