



More information on the website
radwag.com/en/info,w1,LK8

5Y.25.PM Precision Balance

WL-224-0004



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

Functions

-  Autotest
-  Dosing
-  Percent Weighing
-  Parts counting
-  Peak hold
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  Under-pan weighing
-  GLP Procedures
-  Animal weighing
-  Pipettes Calibration
-  Air density correction
-  Density determination
-  Differential weighing
-  Ambient conditions monitoring
-  Statistical Quality Control
-  Packaged Goods Control
-  ALIBI Memory
-  Wi-Fi

Datasheet

Metrological parameters

| | |
|------------------------|-------|
| Maximum capacity [Max] | 25 kg |
| Minimum load | 5 g |

| Metrological parameters | |
|---------------------------------|---|
| Preload range | 2.5 kg |
| Readability [d] | 0.1 g |
| Verification unit [e] | 1 g |
| Tare range | -25 kg |
| Minimum weight (USP) | 82 g |
| Minimum weight (U=1%, k=2) | 8.2 g |
| Standard repeatability [Max] | 0.1 g |
| Standard repeatability [5% Max] | 0.041 g |
| Linearity | ±0.3 g |
| Stabilization time | 1 s |
| Adjustment | internal (automatic) |
| OIML Class | II |
| Physical parameters | |
| Leveling system | semi-automatic – LevelSENSING |
| Display | 10" graphic colour touchscreen |
| Delivery components | Precision Balance, weighing pan, fabric dust cover, power supply. |
| Weighing pan dimensions | 350×260 mm |
| Packaging dimensions W x D x H | 520×520×280 mm |
| Net weight | 12 kg |
| Gross weight | 14.2 kg |
| Construction | |
| Protection class | IP 43 |
| Communication interface | |
| Communication interface | 2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot |
| Electrical parameters | |
| Power supply | Adapter: 100 – 240V AC 50/60Hz 1A Max; 15V DC 2.4A Balance: 12 – 15V DC 1.4A max; 9 – 17W* |
| Environmental conditions | |
| Operating temperature | +10 – +40 °C |

Repeatability is expressed as a standard deviation from 10 cycles of mass standard weighing.

Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.

* Power consumption depends on the terminal configuration and the number and type of external devices connected.

Preload - value equal to ±10% of the maximum load [Max] of the legalised balance. It is possible to start the balance with the mass placed on the pan equal to the maximum preload value.

* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



Additional fee for verification



Accessories (Additional Fee)

MediaBox

Balance Storage Case

RFID Tags
Antivibration Tables
Power Adapters
Additional modules
Professional Weighing Tables
Protective cover for balances
Barcode scanners

Under-pan weighing
RS 232, RS 485 cables
Stands, wall mounting kits and mounting brackets
Receipt Printer
Fingerprint Reader
RS 232 – USB Converter

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- RADWAG Remote Desktop [WX-010-0107]
- Label Editor R02 [WX-010-0094]
- Scale Editor 2.1 [WX-010-0173]

Device dimensions W x D x H

