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# 5Y.50.PM Precision Balance

WL-224-0006



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]	50 kg
Minimum load	5 g

Metrological parameters	
Preload range	5 kg
Readability [d]	0.1 g
Verification unit [e]	1 g
Tare range	-50 kg
Standard repeatability [5% Max]	0.04 g
Standard repeatability [Max]	0.15 g
Minimum weight (USP)	82 g
Minimum weight (U=1%,k=2)	8.2 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; 15V DC 2.4A Balance: 12 – 15V DC 1.6A max; 10–19W*
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

