# 5Y.35.PM Precision Balance

WL-224-0005

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] | 35 kg |
| Minimum load | 5 g |

| Metrological parameters | |
| --- | --- |
| Preload range | 3.5 kg |
| Readability [d] | 0.1 g |
| Verification unit [e] | 1 g |
| Tare range | -35 kg |
| Standard repeatability [5% Max] | 0.04 g |
| Standard repeatability [Max] | 0.05 g |
| Minimum weight (USP) | 100 g |
| Minimum weight (U=1%,k=2) | 10 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 | 16 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<br>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** dependson 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.

CE M  Additional fee for verification  3 YEARS

# 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