

# **5Y.35.PM Precision Balance**

WL-224-0005



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

### **Functions**

10	Autotest

Dosing



**Percent Weighing** 



Parts counting



Peak hold



Formulation



Newton unit measurement



Statistics



Checkweighing



IR sensors



Under-pan weighing

Air density correction



**GLP Procedures** 

Density determination



Animal weighing

Differential weighing



Ambient conditions monitoring

Pipettes Calibration



Statistical Quality Control



Packaged Goods Control



**ALIBI Memory** 



Wi-Fi

### **Datasheet**

Metrological parameters	
Maximum capacity [Max]	35 kg
Minimum load	5 g

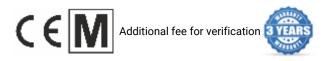
Metrological parameters	
Preload range	3.5 kg
Readability [d]	0.1 g
Verification unit [e]	1 g
Tare range	-35 kg
Standard repeatability [5% Max]	0.04 g
Standard repeatability [Max]	0.05 g
Minimum weight (USP)	100 g
Minimum weight (U=1%,k=2)	10 g
Linearity	±0.3 g
Stabilization time	1 s
Adjustment	internal (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 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.

**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.

<sup>\*</sup> Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



## **Accessories (Additional Fee)**

MediaBox Balance Storage Case

<sup>\*</sup>Power consumption depends on the terminal configuration and the number and type of external devices connected.

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

