5Y.35.PM Precision Balance

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	
Readability [d]	0.1 g
Verification unit [e]	1 g
Tare range	-35 kg
Minimum weight (USP)	100 g
Minimum weight (U=1%,k=2)	10 g
Repeatability (Max)	0.05 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
Weighing pan dimensions	350×260 mm
Packaging dimensions	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, 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 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.

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

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Accessories

MediaBox	Under-pan weighing
RFID Tags	RS 232, RS 485 cables
Antivibration Tables	RS 232, RS 485 cables
Power Adapters	Protective cover for balances
Additional modules	Stands, wall mounting kits and mounting brackets
Professional Weighing Tables	Receipt Printer
Protective cover for balances	Fingerprint Reader
Barcode scanners	RS 232 – USB Converter

Software

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- Scale Editor 2.1 [WX-010-0173]

- E2R Weighing Records [WX-010-0038]
- RADWAG Remote Desktop [WX-010-0107]

Device dimensions