5Y.120.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	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]	120 kg
Minimum load	-

Metrological parameters	
Readability [d]	0.2 g
Verification unit [e]	-
Tare range	-120 kg
Minimum weight (USP)	164 g
Minimum weight (U=1%,k=2)	16.4 g
Repeatability (Max)	0.2 g
Repeatability (5% Max)	0.082 g
Linearity	±0.6 g
Stabilization time	1 s
Adjustment	internal (automatic)
OIML Class	-

Physical parameters	
Leveling system	semi-automatic – LevelSENSING
Display	10" graphic colour touchscreen
Weighing pan dimensions	400×500 mm
Packaging dimensions	710×610×240 mm
Net weight	22 kg
Gross weight	24.5 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	RS 232, RS 485 cables
RFID Tags	RS 232, RS 485 cables
Antivibration Tables	Protective cover for balances
Power Adapters	Stands, wall mounting kits and mounting brackets
Additional modules	Receipt Printer
Professional Weighing Tables	Fingerprint Reader
Protective cover for balances	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