5Y.10.PM Precision Balance

WL-224-0001

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]	10 kg
Minimum load	0.5 g

Metrological parameters	
Preload range	1 kg
Readability [d]	0.01 g
Verification unit [e]	0.1 g
Tare range	-10 kg
Standard repeatability [5% Max]	0.004 g
Standard repeatability [Max]	0.01 g
Minimum weight (USP)	8.2 g
Minimum weight (U=1%,k=2)	0.82 g
Linearity	±0.025 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	200×185 mm
Packaging dimensions W x D x H	520×520×280 mm
Net weight	12.96 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 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	Under-pan weighing

RFID Tags
Antivibration Tables
Power Adapters
Additional modules
Professional Weighing Tables
Protective cover for balances
Barcode scanners
Balance Storage Case

RS 232, RS 485 cables
RS 232, RS 485 cables
Protective cover for balances
Stands, wall mounting kits and mounting brackets
Receipt Printer
Fingerprint Reader
RS 232 – USB Converter

Software (Additional Fee)

• 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 W x D x H