RADWAG®

5Y.120.PM Precision Balance
WL-224-0009

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

Functions

⚙ Autotest	💧 Dosing	% Percent Weighing	⠿ Parts counting
MAX Peak hold	🧪 Formulation	⚖ Newton unit measurement	📊 Statistics
-OK+ Checkweighing	✋ IR sensors	GLP GLP Procedures	🐁 Animal weighing
Pipettes Calibration	≋ Air density correction	ρ Density determination	◐ Differential weighing
🌡 Ambient conditions monitoring	SQC Statistical Quality Control	e 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
Standard repeatability [5% Max]	0.082 g
Standard repeatability [Max]	0.2 g
Minimum weight (USP)	164 g
Minimum weight (U=1%,k=2)	16.4 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
Delivery components	Precision Balance, weighing pan, power supply.
Weighing pan dimensions	400×500 mm
Packaging dimensions W x D x H	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, 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.

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

Accessories (Additional Fee)

MediaBox	Barcode scanners
RFID Tags	RS 232, RS 485 cables
Antivibration Tables	Stands, wall mounting kits and mounting brackets
Power Adapters	Receipt Printer
Additional modules	Fingerprint Reader

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