

PS 8100.5Y.M Precision Balance

WL-220-0417



More information on the website radwag.com/en/info,w1,CDD



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

Functions

8	Autotest		Dosing	%	Percent Weighing		Parts counting
MAX	Peak hold		Formulation	7	Newton unit measurement	<u>.al</u>	Statistics
- <u>0K</u> +	Checkweighing	4	IR sensors	\$	Under-pan weighing	GLP	GLP Procedures
	Animal weighing		Pipettes Calibration	≋	Air density correction	ρ	Density determination
	Differential weighing		Ambient conditions monitoring	SQC	Statistical Quality Control	е	Packaged Goods Control
	ALIBI Memory		Wi-Fi				

Datasheet

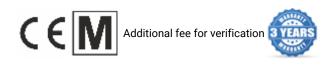
Metrological parameters		
Maximum capacity [Max]	8100 g	
Minimum load	500 mg	

Metrological parameters	
Readability [d]	10 mg
Verification unit [e]	100 mg
Tare range	-8100 g
Standard repeatability [5% Max]	5 mg
Standard repeatability [Max]	10 mg
Standard minimum weight (USP)	10 g
Standard minimum weight (U=1%, k=2)	1 g
Linearity	±20 mg
Stabilization time	1.5 s
Adjustment	internal (automatic)
OIML Class	II
Sensitivity temperature drift	2×10 ⁻⁶ /°C×Rt
Physical parameters	
Leveling system	semi-automatic - LevelSENSING
Display	10" graphic colour touchscreen
Delivery components	Balance, weighing pan, weighing pan shield, fabric dust cover, power supply
Weighing pan dimensions	195×195 mm
Device dimensions	333x206x107 mm
Packaging dimensions	720×370×274 mm
Net weight	7.2 kg
Gross weight	9.3 kg
Construction	
Protection class	IP 43
Components and software	
Database capacity	7
Features of use	
Touch-free operation	2 IR Sensors
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
Ambient conditions monitoring (option)	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
Relative humidity	40% - 80%

Repeatability is expressed as a standard deviation from 10 weighing cycles.

Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile. ¹ Barcode scanners, available as weighing instrument accessory, communicate with the instrument via USB interface exclusively. *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)

- Balance Storage Case Antivibration Tables Power Adapters Cigarette lighter receptacle power supply cables Additional modules USB cable (scale - printer) Professional Weighing Tables Protective cover for balances Barcode scanners RS 232, RS 485 cables
- THBR 2.0 System Ambient Conditions Monitoring Density determination KIT Receipt Printer Fingerprint Reader RS 232, RS 485 cables Protective cover for balances Under-pan weighing RS 232 cables (scale - printer) RS 232 – RS 485 Converter

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]

- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]

Device dimensions

