radwag.com

PS 5100.5Y Precision Balance

WL-220-0426

More information on the website
mirror.radwag.com/en/info,w1,4FG



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]	5100 g
Minimum load	-

Metrological parameters	
Readability [d]	1 mg
Verification unit [e]	-
Tare range	-5100 g
Minimum weight (USP)	1.6 g
Minimum weight (U=1%, k=2)	0.16 g
Standard repeatability [Max]	1.5 mg
Standard repeatability [5% Max]	0.8 mg
Linearity	±5 mg
Stabilization time	5 s
Adjustment	internal (automatic)
OIML Class	-
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, grounding bumper ×1, bumper ×3, power supply
Weighing pan dimensions	ø132 mm
Device dimensions W x D x H	208x422x443 mm
Net weight	17 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 Max; 15V DC 2.4A Balance: 12 – 15V DC 1.4A max; 9 – 17W*
Environmental conditions	
Operating temperature	+10 – +40 °C
Ambient conditions monitoring (option)	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
Storage temperature	-20 – +50 °C
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)

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
Under-pan weighing
RS 232 cables (scale - printer)
RS 232 – RS 485 Converter

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]

Device dimensions W x D x H

