

PS 1000.5Y Precision Balance



More information on the website radwag.com/en/info,w1,0FY



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

Functions

Q	Autotest		Dosing	%	Percent Weighing	**	Parts counting
MAX	Peak hold		Formulation	 	Newton unit measurement	<u>l</u>	Statistics
- 0K +	Checkweighing	4	IR sensors	8	Under-pan weighing	GLP	GLP Procedures
4	Animal weighing	N	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]	1000 g
Minimum load	20 mg

Metrological parameters	
Readability [d]	1 mg
Verification unit [e]	10 mg
Tare range	-1000 g
Standard repeatability [5% Max]	0.5 mg
Standard repeatability [Max]	1.5 mg
Standard minimum weight (USP)	1 g
Standard minimum weight (U=1%, k=2)	0.1 g
Linearity	±3 mg
Stabilization time	2 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, grounding bumper ×1, bumper ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	600×400×550 mm
Net weight	4.01 kg
Gross weight	5 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, 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*
Power consumption max.	10-19 W*
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%

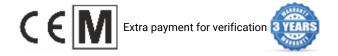
Repeatability is expressed as a standard deviation from 10 weighing cycles.

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

Balance Storage Case
Antivibration Tables
Power Adapters
Cigarette lighter receptacle power supply cables
Additional modules
Protective cover for balances
USB cable (scale - printer)
Professional Weighing Tables
Density determination KIT
Protective cover for balances

Barcode scanners
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan RS 232, RS 485 cables
THBR 2.0 System - Ambient Conditions Monitoring
Receipt Printer
Fingerprint Reader
RS 232, RS 485 cables
Under-pan weighing
RS 232 cables (scale - printer)
RS 232 – RS 485 Converter

Software

- 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

