



More information on the website
radwag.com/en/info,w1,MT0

PS 1000.X2 Precision Balance



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	 Density determination	 Ambient conditions monitoring	 Replaceable unit
 Statistical Quality Control	 ALIBI Memory	 Mass for titrator	 Wi-Fi

Datasheet

Metrological parameters	
Maximum capacity [Max]	1000 g
Minimum load	0,02 g
Readability [d]	0,001 g
Verification scale interval [e]	0,01 g

Metrological parameters	
Tare range	-1 kg
Minimum weight (USP)	1 g
Minimum weight (U=1%,k=2)	0,1 g
Repeatability (Max)	0,0015 g
Repeatability (5% Max)	0,0005 g
Linearity	±0,003 g
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Leveling system	manual
Display	5" graphic color touchscreen
Protection class	IP 43
Delivery components	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	470×380×336 mm
Net weight	3,9 kg
Gross weight	5,5 kg
Features of use	
Database capacity	7
Touch-free operation	2 IR Sensors
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Ethernet, Wi-Fi
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,8A max
Environmental conditions	
Operating temperature	+10 ÷ +40 °C

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 RS232 interface exclusively.

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



Accessories

Barcode scanners
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Density determination KIT

Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan
Antivibration Tables

Displays
Draft Shield
Protective cover for balances
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

Software

RAD-KEY
Alibi Reader
RADWAG Development Studio
R.Barcode

LabVIEW Driver
R-LAB
E2R System