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	465×370×290 mm
Net weight	4 kg
Gross weight	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
Power consumption	4 W

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

Balance Storage Case	Displays
Barcode scanners	Draft Shield
Cigarette lighter receptacle power supply cables	Receipt Printer
USB cable (scale - printer)	Protective cover for balances

Density determination KIT

Power Adapters

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

Antivibration Tables

RS 232, RS 485 cables

Under-Pan Weighing Rack

RS 232 cables (scale - printer)

Under-pan weighing

Software

RAD-KEY

Alibi Reader

RADWAG Development Studio

R.Barcode

LabVIEW Driver

R-LAB

E2R System