

PS 1000.X7 Precision Balance





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

Functions

Q	Autotest		Dosing	- <u>0K</u> +	Plus/Minus Control	%	Percent Weighing
•••	Parts counting	MAX	Peak hold		Formulation	/	Newton unit measurement
<u>.al</u>	Statistics	- <u>0K</u> +	Checkweighing	4	IR sensors	\$	Under-pan weighing
GLP	GLP Procedures		Animal weighing	ρ	Density determination		Ambient conditions monitoring
Ð	Replaceable unit	SQC	Statistical Quality Control		ALIBI Memory	#	Mass for titrator

Datasheet

Wi-Fi

Metrological parameters	
Maximum capacity [Max]	1000 g
Minimum load	20 mg

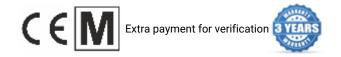
Metrological parameters	
Readability [d]	1 mg
Verification unit [e]	10 mg
Tare range	-1000 g
Standard repeatability [5% Max]	0.5 mg
Standard repeatability [Max]	1.5 mg
Standard minimum weight (USP)	1 g
Standard minimum weight (U=1%, k=2)	0.1 g
Linearity	±3 mg
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	II
Sensitivity temperature drift	2×10 ⁻⁶ /°C×Rt
Physical parameters	
Leveling system	manual
Display	7" 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	545×455×575 mm
Net weight	4.01 kg
Gross weight	7.5 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×RS232¹, 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
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 RS232 interface exclusively.

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



Accessories

Balance Storage Case
Antivibration Tables
Power Adapters
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Density determination KIT
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 Displays Receipt Printer Protective cover for balances RS 232, RS 485 cables Additional modules Under-pan weighing RS 232 cables (scale - printer) RS 232 - RS 485 Converter

Software

- RAD Key [WX-010-0005]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]
- · Alibi Reader [WX-010-0114]
- Scale Editor 2.1 [WX-010-0173]

Device dimensions

