

PS 200/2000.X2 Precision Balance





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

Functions

Autotest

Parts counting

Statistics

GLP Procedures

Replaceable unit

₩i-Fi

Dosing

Peak hold

Oheckweighing

Animal weighing

SQC Statistical Quality Control

Plus/Minus Control

Formulation

Formulation

IR sensors

Density determination

ALIBI Memory

%

Percent Weighing

Newton unit measurement

Under-pan weighing

Ambient conditions

monitoring

Mass for titrator

Datasheet

Metrological parameters	
Maximum capacity [Max]	200 / 2000 g
Minimum load	20 mg

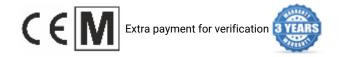
Metrological parameters			
Readability [d]	1 / 10 mg		
Verification unit [e]	10 / 100 mg		
Tare range	-2000 g		
Standard repeatability [5% Max]	0.5 / 5 mg		
Standard repeatability [Max]	1 / 10 mg		
Standard minimum weight (USP)	1 g		
Standard minimum weight (U=1%, k=2)	0.1 g		
Linearity	±2 / 20 mg		
Stabilization time	2 / 1.5 s		
Adjustment	internal (automatic)		
OIML Class	II		
Sensitivity temperature drift	2×10 ⁻⁶ /°C×Rt		
Physical parameters			
Leveling system	manual		
Display	5" graphic color touchscreen		
Delivery components	Balance, weighing pan, weighing pan shield, grounding bumper ×1 bumper ×3, power supply.		
Weighing pan dimensions	128×128 mm		
Packaging dimensions	475×380×345 mm		
Net weight	4.33 kg		
Gross weight	5.5 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×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		
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)
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

Draft Shield
Receipt Printer
Protective cover for balances
RS 232, RS 485 cables
Additional modules
Protective cover for balances
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

