PS 200/2000.X2 Precision Balance

WL-218-1002

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

Functions

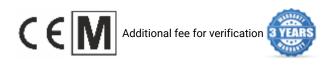|			
Autotest	Dosing	Plus/Minus Control	Percent Weighing
Parts counting	Peak hold	Formulation	Newton unit measurement
Statistics	Checkweighing	IR sensors	Under-pan weighing
GLP Procedures	Animal weighing	Density determination	Ambient conditions monitoring
Replaceable unit	Statistical Quality Control	ALIBI Memory	Mass for titrator
Wi-Fi			

Datasheet

Metrological parameters	
Maximum capacity [Max]	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	$2\times10^{-6}/°C\times Rt$

Physical parameters	
Leveling system	manual
Display	5" graphic color touchscreen
Delivery components	Balance, weighing pan, osłona weighing pans, 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	Products, Users, Packaging, Customers, Formulations, Formulations reports, Ambient Conditions, Weighings, Alibi memory

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 (Additional Fee)

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 (Additional Fee)

• 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