

PS 200/2000.5Y Precision Balance

WL-220-0418





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

Functions

4.00		

Autotest

Dosing

Percent Weighing



Parts counting

GLP Procedures



Peak hold

Formulation



Newton unit measurement



Statistics



Checkweighing



IR sensors



Air density correction

Under-pan weighing



Density determination



Animal weighing Differential weighing



Ambient conditions monitoring

Pipettes Calibration



Statistical Quality Control



Packaged Goods Control



ALIBI Memory



Wi-Fi

Datasheet

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

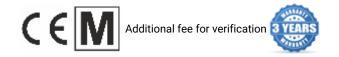
Metrological parameters	
Readability [d]	1 / 10 mg
Verification unit [e]	10 / 100 mg
Tare range	-2000 g
Standard repeatability [5% Max]	0.5 / 5 mg
Standard repeatability [Max]	1 / 10 mg
Standard minimum weight (USP)	1 g
Standard minimum weight (U=1%, k=2)	0.1 g
Linearity	±2 / 20 mg
Stabilization time	2 / 1.5 s
Adjustment	internal (automatic)
OIML Class	II
Sensitivity temperature drift	2×10 ⁻⁶ /°C×Rt
Physical parameters	
Leveling system	semi-automatic – LevelSENSING
Display	10" graphic colour touchscreen
Delivery components	Balance, weighing pan, grounding bumper ×1, bumper ×3, fabric dust cover, power supply
Weighing pan dimensions	128×128 mm
Packaging dimensions W x D x H	600×400×550 mm
Net weight	3.99 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×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2.4A Balance: 12 – 15V DC 1.6A max; 10–19W*
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.

Barcode scanners, available as weighing instrument accessory, communicate with the instrument via USB interface exclusively. *Power consumption depends on the terminal configuration and the number and type of external devices connected.

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



Accessories (Additional Fee)

Antivibration Tables
Power Adapters
Cigarette lighter receptacle power supply cables
Additional modules
Protective cover for balances
USB cable (scale - printer)
Professional Weighing Tables
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 Receipt Printer Fingerprint Reader Under-pan weighing RS 232 cables (scale - printer) RS 232 – RS 485 Converter

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]

Device dimensions W x D x H

