



# PS 200/2000.5Y Precision Balance

WL-220-0418

More information on the website  
[mirror.radwag.com/en/info,w1,C82](http://mirror.radwag.com/en/info,w1,C82)



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
- Pipettes Calibration
- Air density correction
- Density determination
- Differential weighing
- Ambient conditions monitoring
- Statistical Quality Control
- Packaged Goods Control
- ALIBI Memory
- Wi-Fi

## Datasheet

### Metrological parameters

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

<b>Metrological parameters</b>	
Readability [d]	1 / 10 mg
Verification unit [e]	10 / 100 mg
Tare range	-2000 g
Minimum weight (USP)	1 g
Minimum weight (U=1%, k=2)	0.1 g
Standard repeatability [Max]	1 / 10 mg
Standard repeatability [5% Max]	0.5 / 5 mg
Linearity	±2 / 20 mg
Stabilization time	2 / 1.5 s
Adjustment	internal (automatic)
OIML Class	II
Sensitivity temperature drift	$2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$
<b>Physical parameters</b>	
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
<b>Construction</b>	
Protection class	IP 43
<b>Components and software</b>	
Database capacity	7
<b>Features of use</b>	
Touch-free operation	2 IR Sensors
<b>Communication interface</b>	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
<b>Electrical parameters</b>	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A Max; 15V DC 2.4A Balance: 12 – 15V DC 1.4A max; 9 – 17W*
<b>Environmental conditions</b>	
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.

<sup>1</sup> 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.



Additional fee for verification



## 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

