



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

PS 200/2000.X2 Precision Balance



PS 200/2000.X2 Precision Balance

## Functions



Autotest



Dosing



Percent Weighing



Parts counting



Peak hold



Formulation



Newton unit  
measurement



Statistics



Checkweighing



IR sensors



GLP Procedures



Animal weighing



Density determination



Ambient conditions  
monitoring



Replaceable unit



Statistical Quality Control



ALIBI Memory



Mass for titrator



Wi-Fi

# Datasheet

PS 200/2000.X2 Precision Balance	
<b>Metrological parameters</b>	
Maximum capacity [Max]	200 / 2000 g
Minimum load	0,02 g
Readability [d]	0,001 / 0,01 g
Verification scale interval [e]	0,01/0,1 g
Tare range	-2000 g
Minimum weight (USP)	1 g
Minimum weight (U=1%,k=2)	0,1 g
Repeatability (Max)	0,001 / 0,01 g
Repeatability (5% Max)	0,0005 / 0,005 g
Linearity	±0,002 / 0,02 g
Stabilization time	2 / 1,5 s
Adjustment	internal (automatic)
OIML Class	II
<b>Physical parameters</b>	
Levelling system	manual
Display	—
Delivery components	Balance, weighing pan, weighing pan shield, grounding foot ×1, foot ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	470×380×336 mm
Net weight	3,9 kg
Gross weight	5,5 kg
<b>Features of use</b>	
Database capacity	7
Touch-free operation	2 IR Sensors
<b>Communication interface</b>	
Communication interface	2×RS232 <sup>1</sup> , USB-A, USB-B, Ethernet, Wi-Fi
<b>Electrical parameters</b>	
Power supply	Adapter: 100 or 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,8A max
<b>Environmental conditions</b>	
Operating temperature	+10 ÷ +40 °C

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  
Barcode scanners  
Cigarette lighter receptacle power supply cables  
USB cable (scale - printer)  
Receipt Printer  
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan

Displays  
Draft Shield  
Protective cover for balances  
RS 232, RS 485 cables  
Under-Pan Weighing Rack  
RS 232 cables (scale - printer)

## Software

RAD-KEY  
Alibi Reader  
RADWAG Development Studio  
R.Barcode

LabVIEW Driver  
R-LAB  
E2R System

## Device dimensions

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