



More information on the website
radwag.com/en/info,w1,NTZ

PS 200/2000.R2 Precision Balance



PS 200/2000.R2 Precision Balance

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

Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit
measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Density determination

Datasheet

	PS 200/2000.R2 Precision Balance
Metrological parameters	
Maximum capacity [Max]	200 / 2000 g
Minimum load	20 mg
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
Physical parameters	
Leveling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, grounding bumper x1, bumper x3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	475×380×345 mm
Net weight	3,9 kg
Gross weight	6 kg
Construction	
Protection class	IP 43
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A max
Power consumption	4 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
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.



Extra payment for verification



Accessories

Balance Storage Case
Antivibration Tables
Power Adapters

RS 232, RS 485 cables
Displays
Receipt Printer

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

Protective cover for balances
 RS 232, RS 485 cables
 Under-pan weighing
 RS 232 cables (scale - printer)

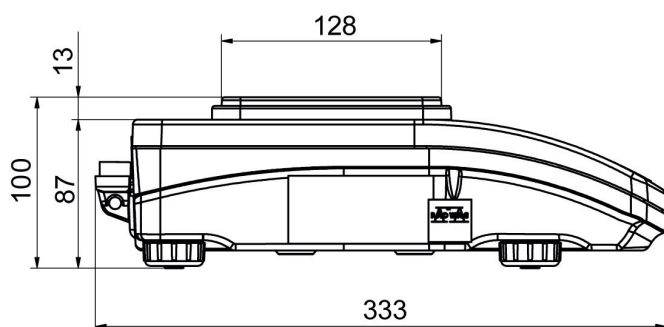
Software

RAD-KEY
 Alibi Reader
 RADWAG Development Studio

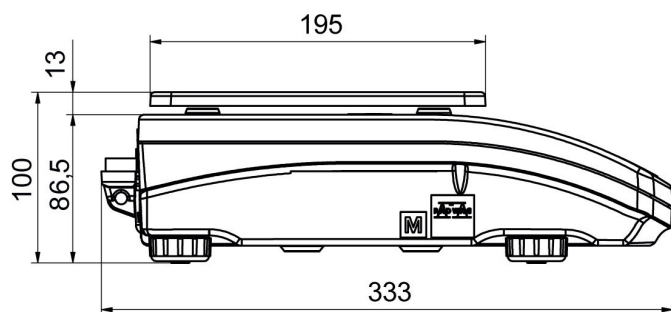
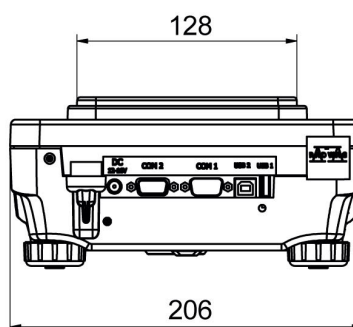
R Panel
 R-LAB

Device dimensions

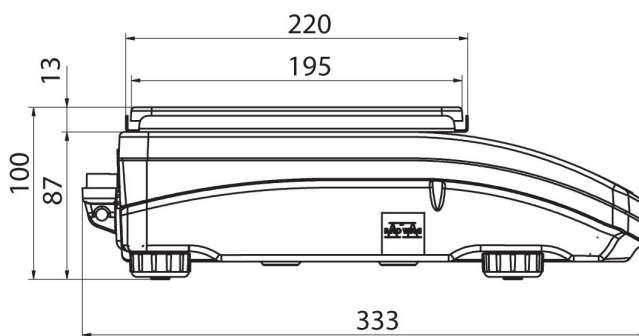
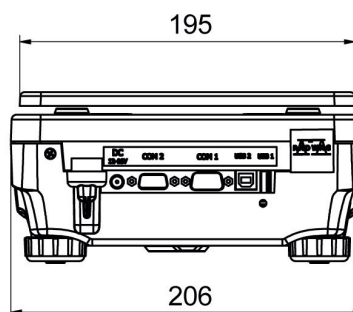
PS 200/2000.R2 Precision Balance



PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg

