



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

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

Metrological parameters	
Maximum capacity [Max]	200 / 2000 g
Minimum load	20 mg
Readability [d]	0,001 / 0,01 g
Verification scale interval [e]	0,01/0,1 g
Tare range	-2000 g
Repeatability (Max)	0,001 / 0,01 g
Repeatability (5% Max)	0,0005 / 0,005 g

Metrological parameters	
Linearity	±0,002 / 0,02 g
Stabilization time	2 / 1,5 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Leveling system	manual
Display	LCD (backlit)
Protection class	IP 43
Delivery components	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×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
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
Environmental conditions	
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.



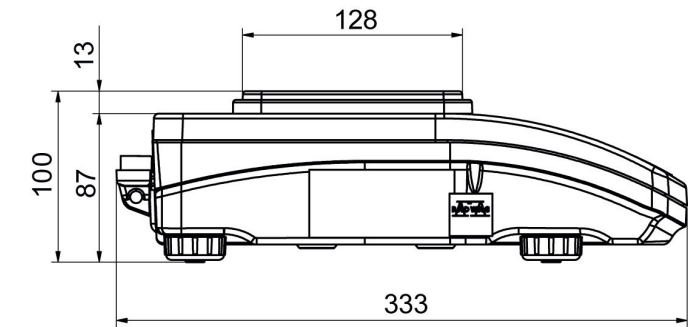
Accessories

Barcode scanners	Displays
Cigarette lighter receptacle power supply cables	RPANEL BOX
USB cable (scale - printer)	Protective cover for balances
Density determination KIT	RS 232, RS 485 cables
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan	Under-Pan Weighing Rack
Antivibration Tables	RS 232 cables (scale - printer)

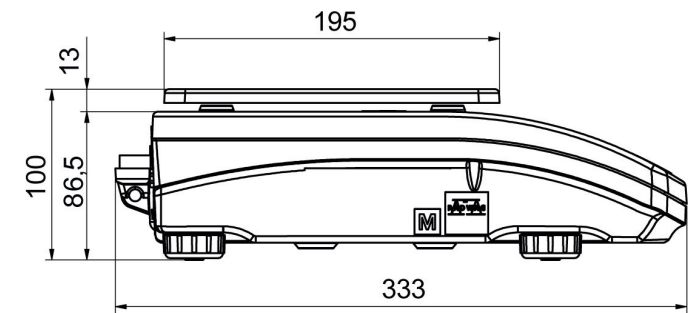
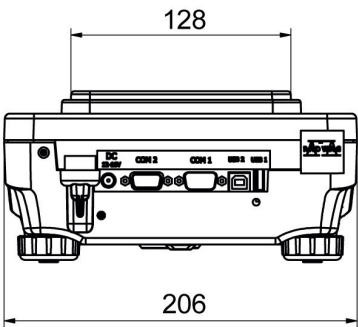
Software

RAD-KEY	LabVIEW Driver
R Panel	Alibi Reader
R-LAB	RADWAG Development Studio
E2R System	R.Barcode

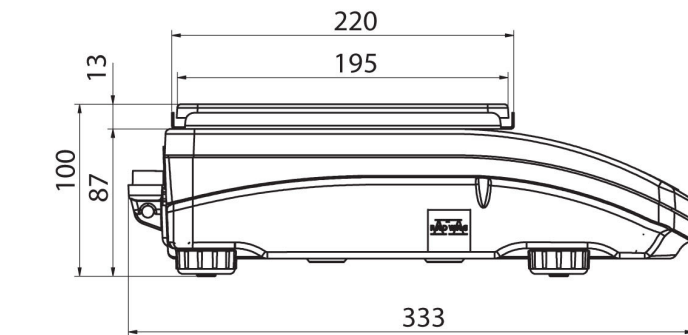
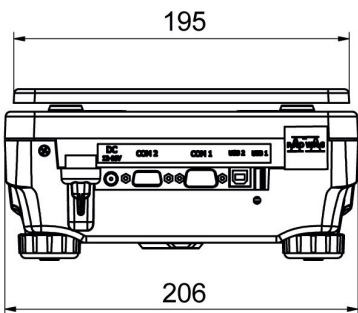
Device dimensions



PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg

