



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



Under-pan weighing



GLP Procedures



Animal weighing



Density determination

Datasheet

	PS 200/2000.R2 Precision Balance WL-212-1003
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
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
Physical parameters	
Leveling system	manual
Display	5,3" LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions W x D x H	475×380×345 mm
Net weight	3,9 kg
Gross weight	5,5 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 Max; 12V DC 1,2A Balance: 12 – 15V DC 0,7A max; 3 – 5,5W*
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. * Power consumption depends on the terminal configuration as well as the number and type of external devices connected. 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.



Additional fee for verification



Accessories (Additional Fee)

Balance Storage Case

Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan

Antivibration Tables
 Power Adapters
 Cigarette lighter receptacle power supply cables
 USB cable (scale - printer)
 Density determination KIT
 Barcode scanners

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

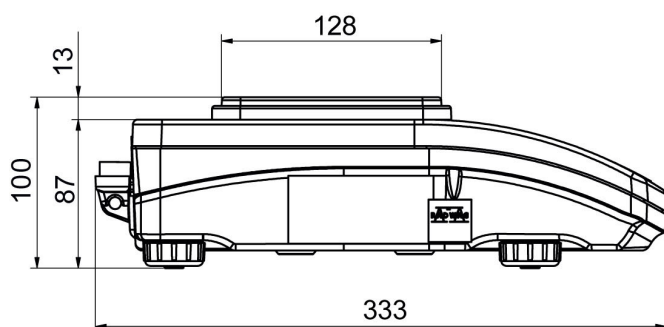
Software (Additional Fee)

RAD-KEY
 Alibi Reader
 RADWAG Development Studio

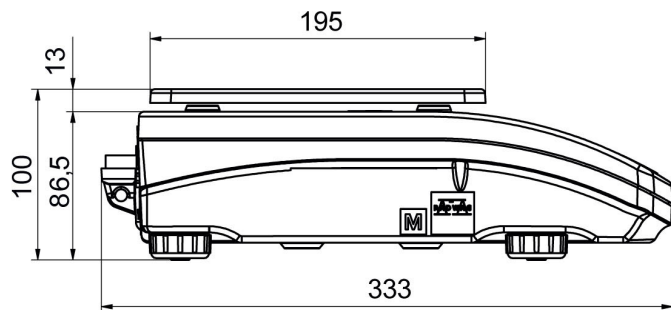
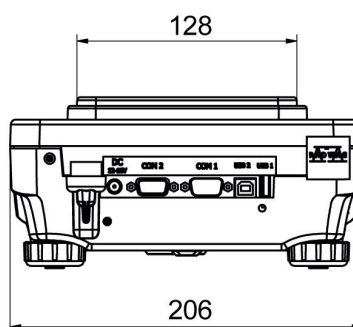
R Panel
 R-LAB

Device dimensions W x D x H

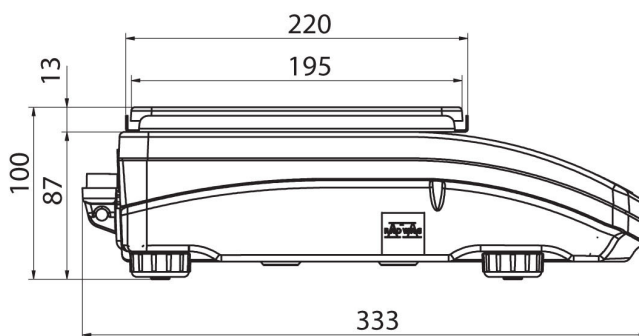
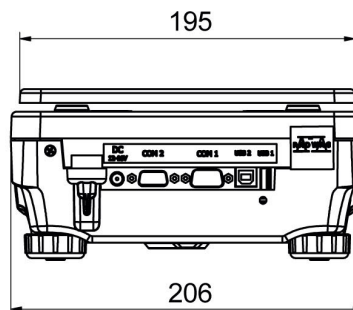
PS 200/2000.R2 Precision Balance



PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg

