



More information on the website
radwag.com/en/info,w1,W30

PS 210.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

Metrological parameters	
Maximum capacity [Max]	210 g
Minimum load	20 mg
Readability [d]	1 mg
Verification unit [e]	10 mg
Tare range	-210 g
Standard repeatability [5% Max]	0.5 mg

Metrological parameters	
Standard repeatability [Max]	1 mg
Standard minimum weight (USP)	1 g
Standard minimum weight (U=1%, k=2)	0.1 g
Linearity	±2 mg
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	II
Sensitivity temperature drift	$2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$
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	3.7 kg
Gross weight	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; 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

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

RS 232, RS 485 cables

Displays

Draft Shield

Receipt Printer

Protective cover for balances

RS 232, RS 485 cables

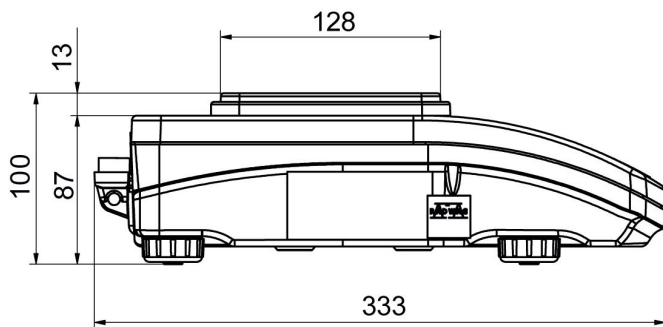
Under-pan weighing

RS 232 cables (scale - printer)

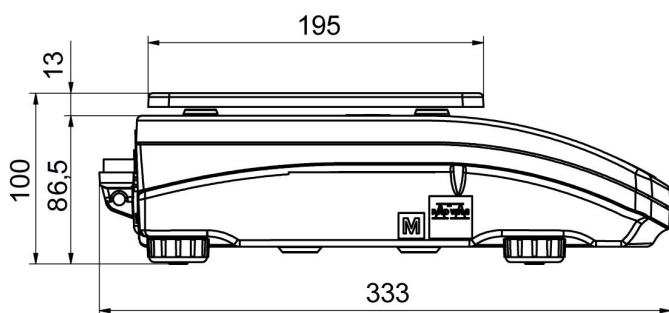
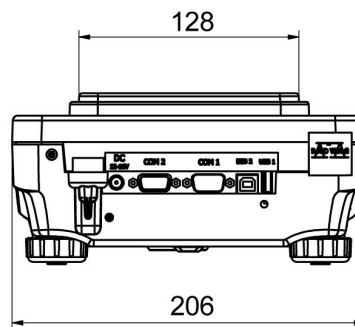
Software

- RAD Key [WX-010-0005]
- Alibi Reader [WX-010-0114]
- RADWAG Development Studio [WX-010-0104]
- R-Panel [WX-010-0187]
- R-Lab [WX-010-0080]

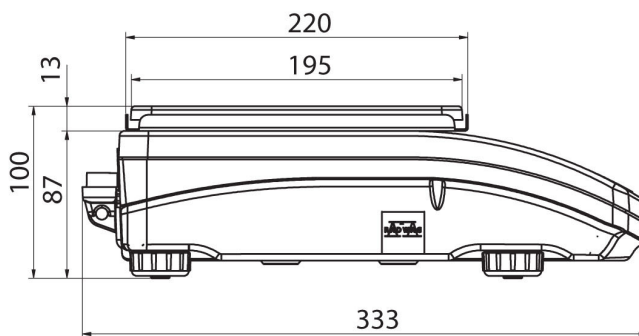
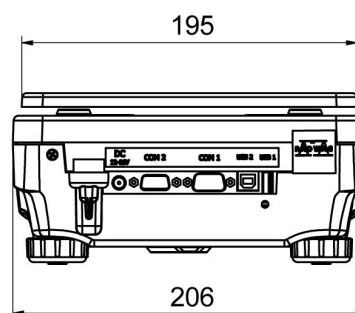
Device dimensions



PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg

