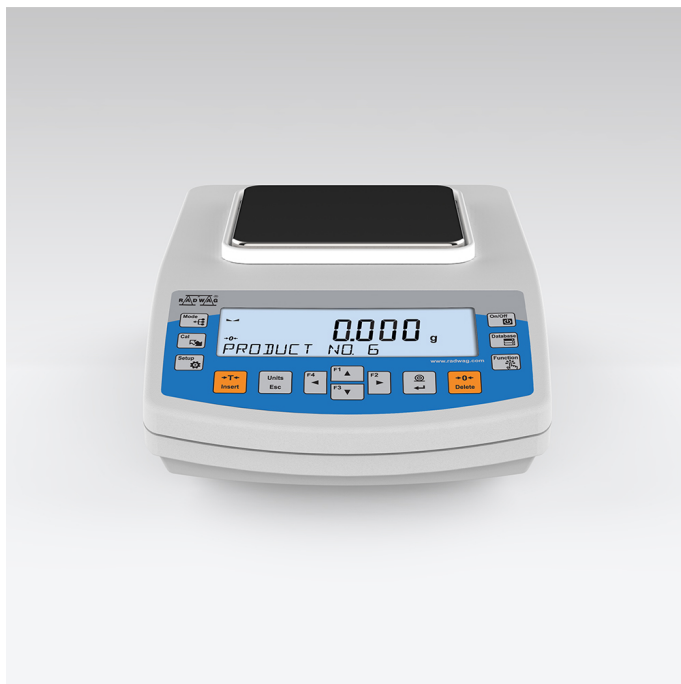




More information on the website
mirror.radwag.com/en/info,w1,PP6

PS 1000.R2 Precision Balance

WL-212-0022



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]	1000 g
Minimum load	20 mg
Readability [d]	1 mg
Verification unit [e]	10 mg
Tare range	-1000 g
Standard repeatability [5% Max]	0.5 mg

Metrological parameters	
Standard repeatability [Max]	1.5 mg
Standard minimum weight (USP)	1 g
Standard minimum weight (U=1%, k=2)	0.1 g
Linearity	±3 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	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	3.92 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.



Additional fee for verification



Accessories (Additional Fee)

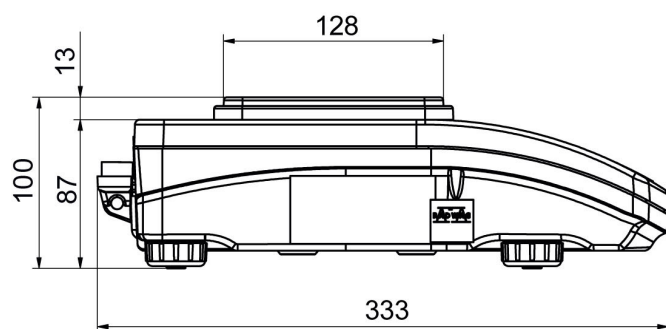
Balance Storage Case
 Antivibration Tables
 Power Adapters
 Cigarette lighter receptacle power supply cables
 USB cable (scale - printer)
 Density determination KIT
 Barcode scanners
 Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan

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

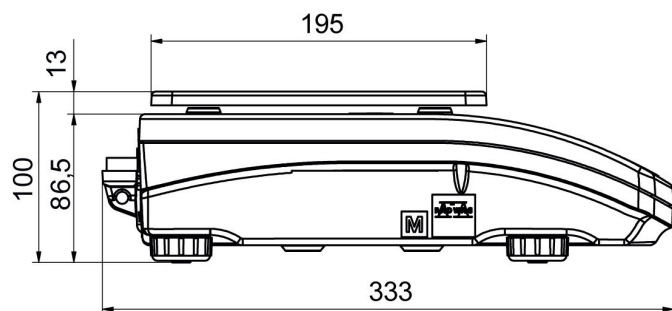
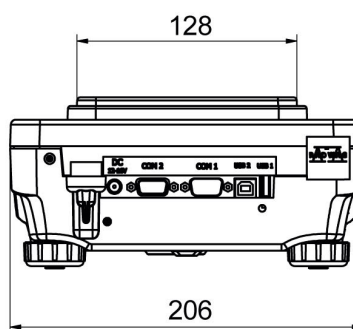
Software (Additional Fee)

- 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]

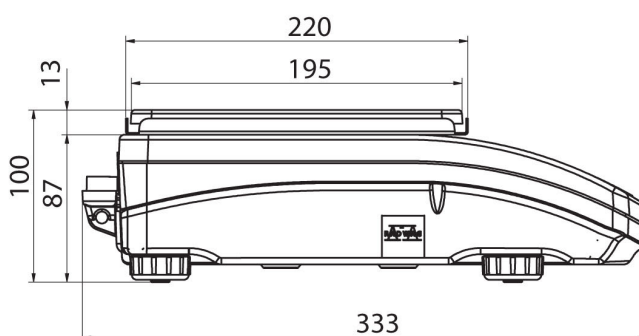
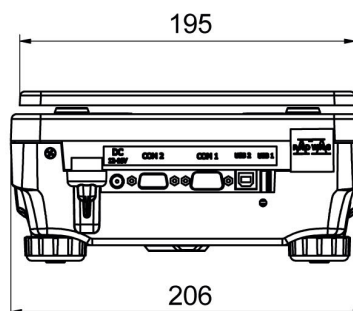
Device dimensions W x D x H



PS R, d = 1 mg



PS R, d = 10 mg



PS R.M, d = 10 mg

