



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

PS 1000.R2 Precision Balance



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]	1000 g
Minimum load	20 mg
Readability [d]	0,001 g
Tare range	-1000 g
Verification scale interval [e]	0,01 g
Repeatability (Max)	0,0015 g
Repeatability (5% Max)	0,0005 g

Metrological parameters	
Linearity	±0,003 g
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, grounding foot ×1, foot ×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
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
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.



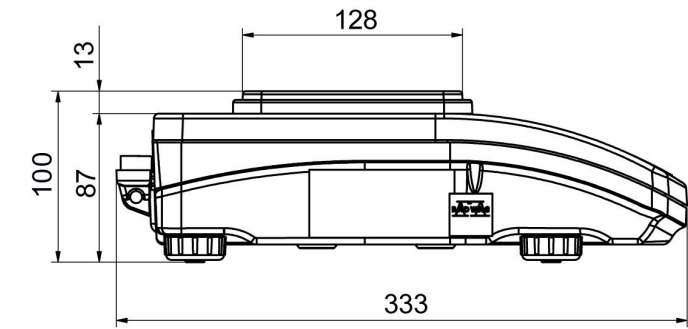
Accessories

Balance Storage Case	Displays
Barcode scanners	Draft Shield
Cigarette lighter receptacle power supply cables	AP2-1 Current Loop Unit
Power Adapters	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
Receipt Printer	RS 232 cables (scale - EPSON printer)

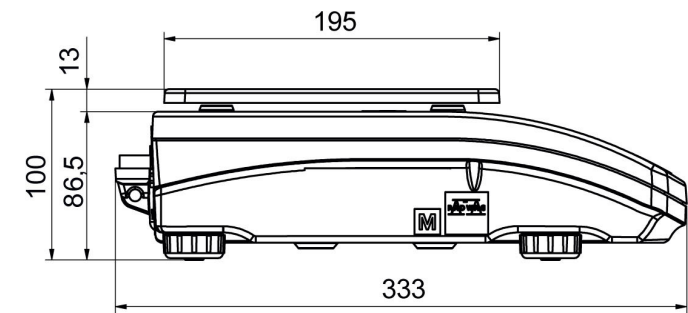
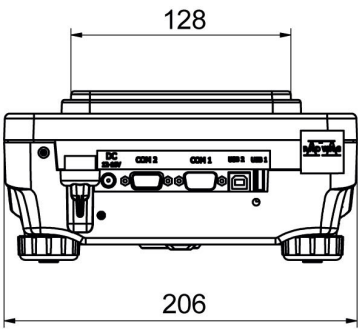
Software

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

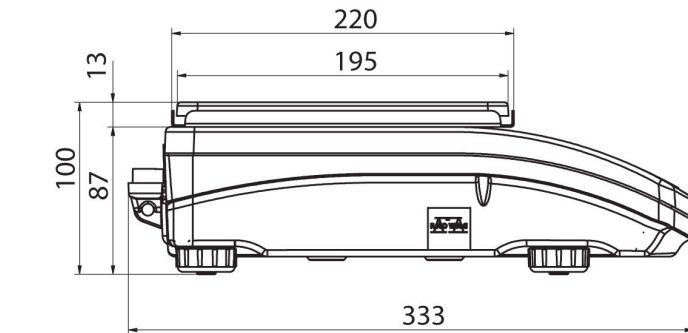
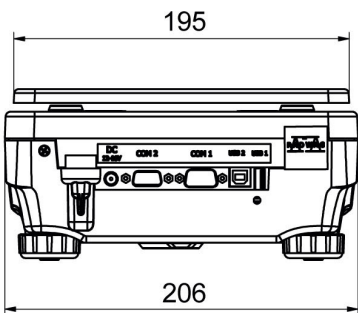
Device dimensions



PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg

