radwag.com

PS 1000.R1 Precision Balance

WL-213-0023

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

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]	0.001 g
Tare range	-1000 g
Repeatability (Max)	0.0015 g
Repeatability (5% Max)	0.0005 g

Metrological parameters	
Linearity	±0.003 g
Stabilization time	2 s
Adjustment	external
Sensitivity temperature drift	2×10^{-6}/°C×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	3.2 kg
Gross weight	4.5 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.

Accessories (Additional Fee)

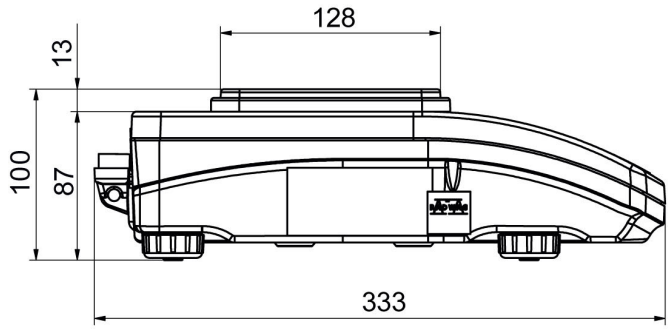
Balance Storage Case
Antivibration Tables
Power Adapters
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Density determination KIT
Barcode scanners
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan
RS 232, RS 485 cables
Displays
Draft Shield
Receipt Printer
Protective cover for balances
Under-pan weighing
RS 232 cables (scale - printer)

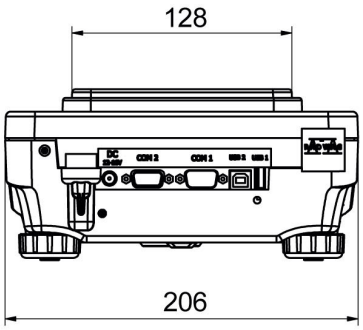
Software (Additional Fee)

• RAD Key [WX-010-0005]
• R-Panel [WX-010-0187]

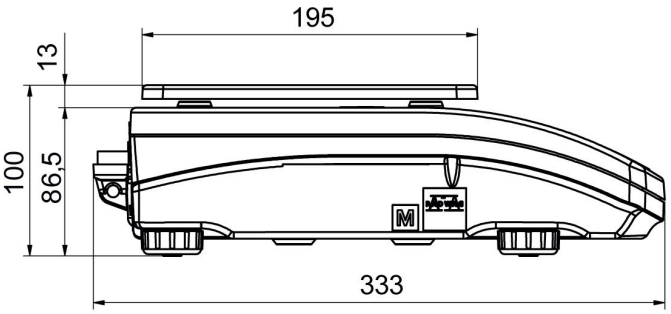
• Alibi Reader [WX-010-0114]
• RADWAG Development Studio [WX-010-0104]
• R-Lab [WX-010-0080]

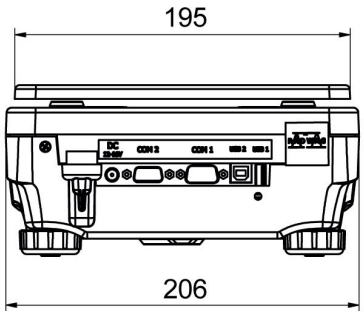
Device dimensions W x D x H



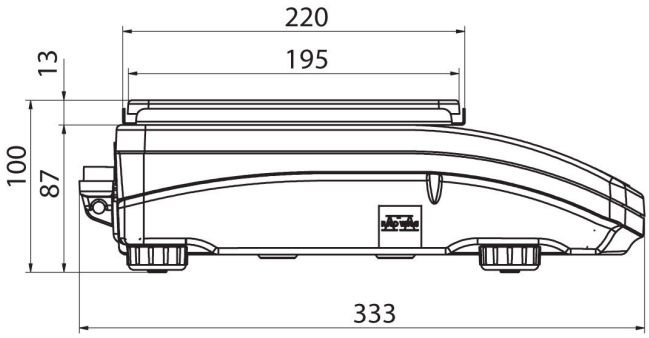


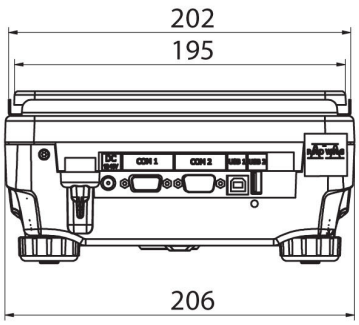
PS R, d = 1mg





PS R, d = 10 mg





PS R.M, d = 10 mg