



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

PS 1000.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



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 |
| Standard repeatability [Max] | 1.5 mg |

| Metrological parameters | |
|-------------------------------------|---|
| 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 | manualny |
| Display | 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 | 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.



Extra payment for verification



Accessories

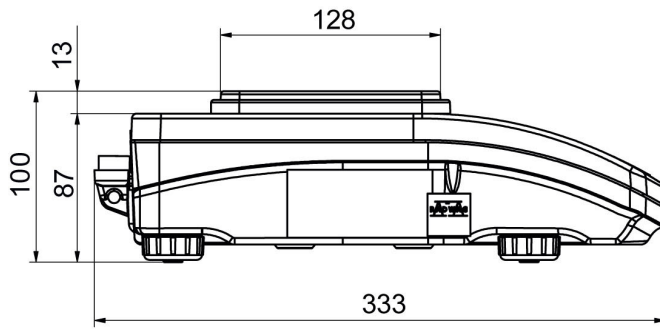
Balance Storage Case
Antivibration Tables
Power Adapters
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Density determination KIT
Barcode scanners

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

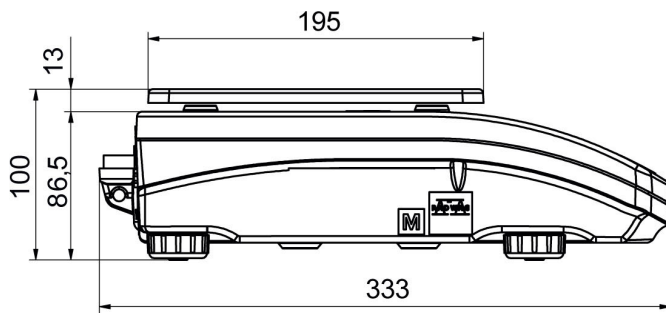
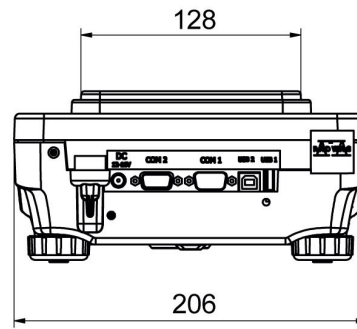
Software

- 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]

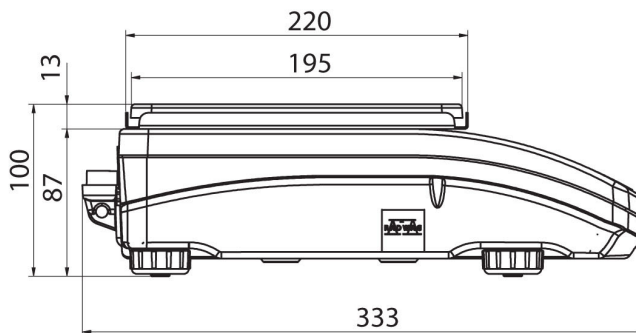
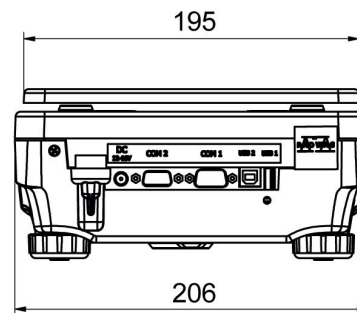
Device dimensions



PS R, d = 1 mg



PS R, d = 10 mg



PS R.M, d = 10 mg

