



# PS 600.R1 Precision Balance

WL-213-0080

More information on the website  
[mirror.radwag.com/en/info,w1,WKD](http://mirror.radwag.com/en/info,w1,WKD)



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]  | 600 g    |
| Minimum load            | 20 mg    |
| Readability [d]         | 0.001 g  |
| Tare range              | -600 g   |
| Repeatability (Max)     | 0.0015 g |
| Repeatability (5% Max)  | 0.0005 g |

| Metrological parameters        |   |
|--------------------------------|---|
| Linearity                      | ±0.002 g  |
| Stabilization time             | 2 s   |
| Adjustment                     | external  |
| 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 kg  |
| Gross weight                   | 4.5 kg  |
| Construction                   |   |
| Protection class               | IP 43   |
| Communication interface        |   |
| Communication interface        | 2×RS232 <sup>1</sup> , USB-A, USB-B, Wi-Fi (option)                                       |
| Electrical parameters          |   |
| Power supply                   | Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A<br>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.

<sup>1</sup> 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)

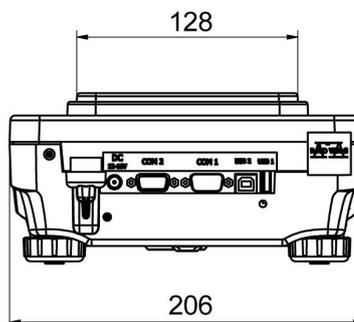
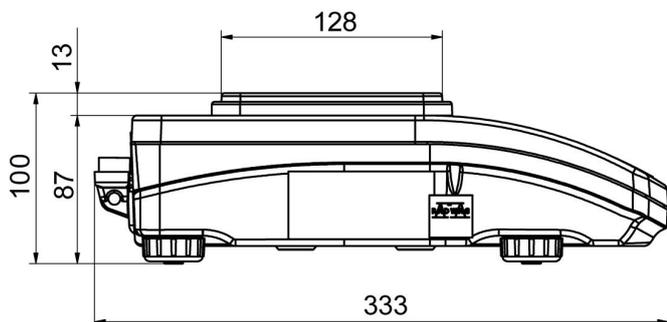
|  |                                 |
|--|---------------------------------|
| Balance Storage Case   | RS 232, RS 485 cables           |
| Antivibration Tables   | Displays                        |
| Power Adapters   | Draft Shield                    |
| Cigarette lighter receptacle power supply cables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

## Software (Additional Fee)

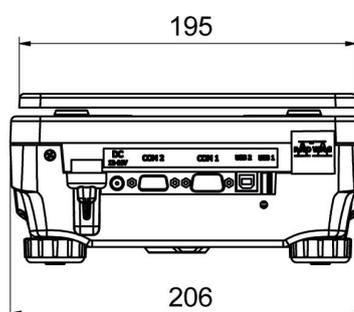
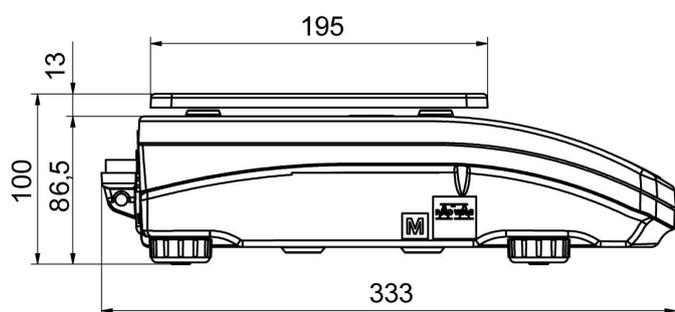
• RAD Key [WX-010-0005]

• R-Panel [WX-010-0187]

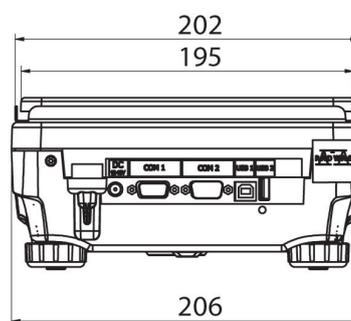
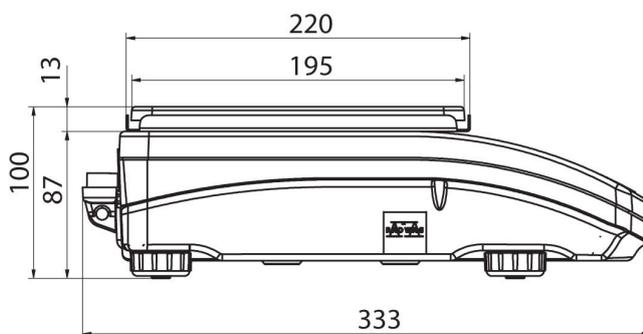
## Device dimensions W x D x H



PS R, d = 1 mg



PS R, d = 10 mg



PS R.M, d = 10 mg