



More information on the website  
[radwag.com/us/info,w1,HRY](http://radwag.com/us/info,w1,HRY)

# PS 600.R2.1 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

|                                 |        |
|---------------------------------|--------|
| Maximum capacity [Max]          | 600 g  |
| Minimum load                    | 500 mg |
| Readability [d]                 | 10 mg  |
| Verification unit [e]           | 10 mg  |
| Tare range                      | -600 g |
| Standard repeatability [5% Max] | 5 mg   |
| Standard repeatability [Max]    | 10 mg  |
| Standard minimum weight (USP)   | 1 g    |

|                                     |   |
|-------------------------------------|---|
| Standard minimum weight (U=1%, k=2) | 0,1 g   |
| Linearity                           | ±20 mg  |
| Stabilization time                  | 1,5 s   |
| Adjustment                          | internal (automatic)  |
| OIML Class                          | II  |
| Sensitivity temperature drift       | $2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$                              |
| <b>Physical parameters</b>          |   |
| Leveling system                     | manualny  |
| Display                             | LCD (backlit)   |
| Delivery components                 | Balance, weighing pan, grounding bumper ×1, bumper ×3, power supply.              |
| Weighing pan dimensions             | 195×195 mm  |
| Packaging dimensions                | 475×380×345 mm  |
| Net weight                          | 3,9 kg  |
| Gross weight                        | 5,5 kg  |
| <b>Construction</b>                 |   |
| Protection class                    | IP 43   |
| <b>Communication interface</b>      |   |
| Communication interface             | 2×RS232 <sup>1</sup> , USB-A, USB-B, Wi-Fi (option)                               |
| <b>Power supply</b>                 |   |
| 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   |
| <b>Operating temperature</b>        |   |
| Operating temperature               | +10 ÷ +40 °C  |
| <b>Relative humidity</b>            |   |
| Relative humidity                   | 40% ÷ 80%   |

\* 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)  
Barcode scanners  
RS 232, RS 485 cables

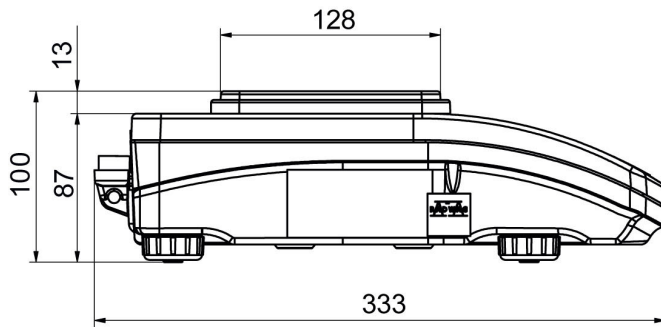
Density determination KIT  
Displays  
Receipt Printer  
RS 232, RS 485 cables  
Protective cover for balances  
Under-pan weighing  
RS 232 cables (scale - printer)

## Software

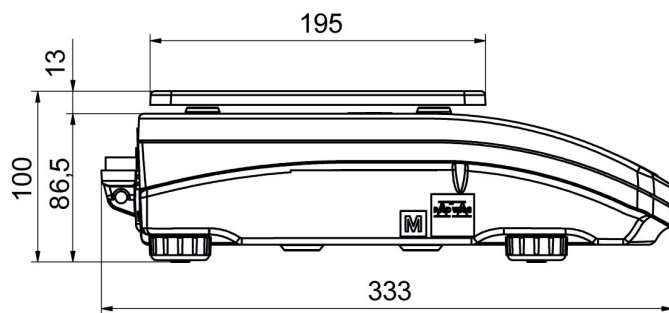
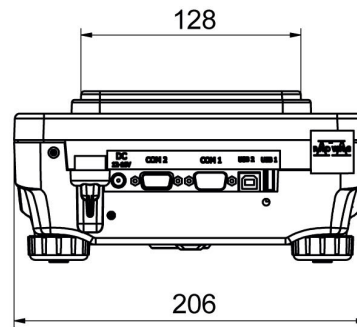
- RAD Key [WX-010-0005]
- Alibi Reader PC Software [WX-010-0114]

- R Panel [WX-010-0187]
- RADWAG Development Studio [WX-010-0104]

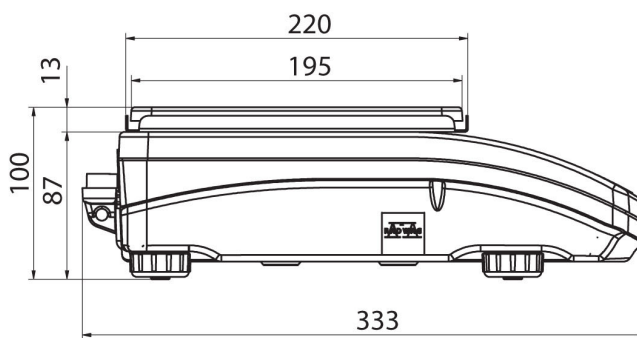
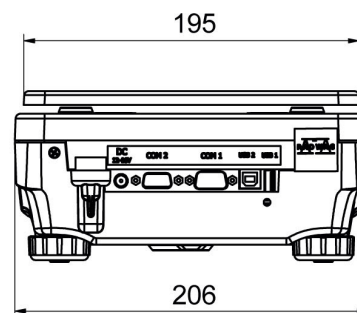
## Device dimensions



PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg

