



More information on the website  
radwag.com/en/info,w1,FV9

## PS 600.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]          | 600 g    |
| Minimum load                    | 20 mg    |
| Readability [d]                 | 0,001 g  |
| Tare range                      | -600 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 <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       |
| 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.



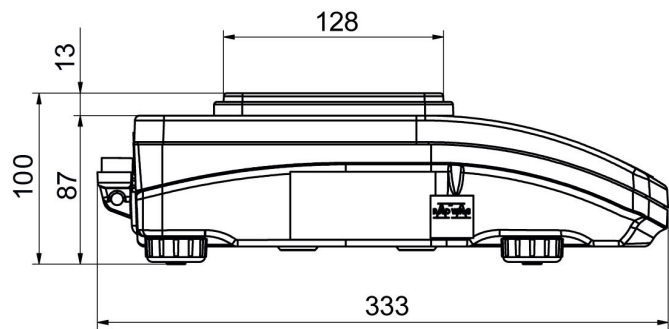
## Accessories

|                                                                |                                       |
|----------------------------------------------------------------|---------------------------------------|
| 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) |
| Granite Antivibration Tables                                   |                                       |

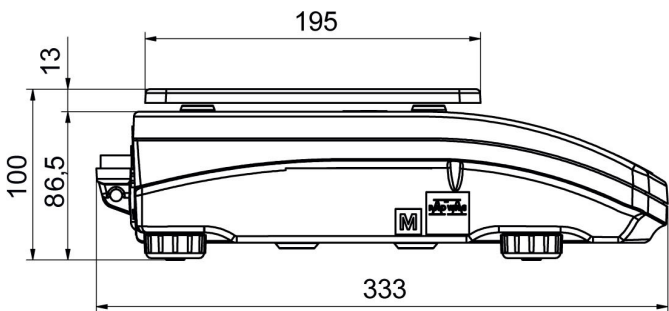
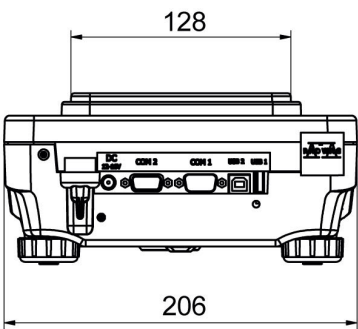
## Software

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

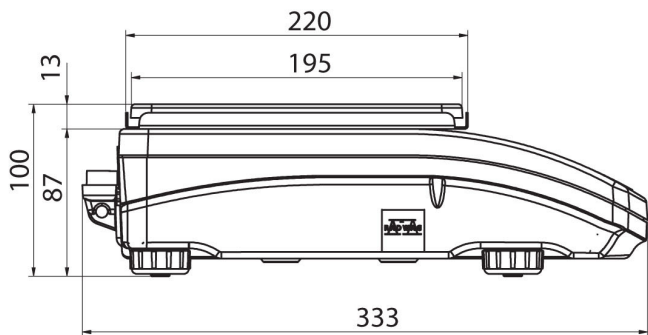
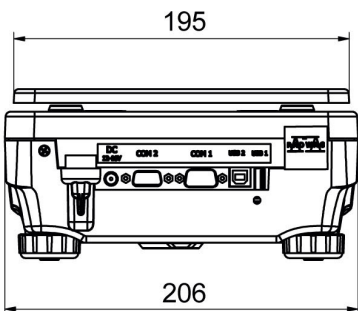
Device dimensions



PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg

