



More information on the website  
[radwag.com/en/info,w1,E3S](http://radwag.com/en/info,w1,E3S)

# PS 2100.R2.M 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]          | 2100 g  |
| Minimum load                    | 500 mg  |
| Readability [d]                 | 0,01 g  |
| Verification scale interval [e] | 0,1 g   |
| Tare range                      | -2100 g |
| Repeatability (Max)             | 0,008 g |
| Repeatability (5% Max)          | 0,005 g |

| Metrological parameters  |   |
|--------------------------|---|
| Linearity                | ±0,02 g   |
| Stabilization time       | 1,5 s   |
| Adjustment               | internal (automatic)  |
| OIML Class               | II  |
| Physical parameters      |   |
| Levelling system         | manual  |
| Display                  | LCD (backlit)   |
| Delivery components      | Balance, weighing pan, weighing pan shield, power supply                        |
| Weighing pan dimensions  | 195×195 mm  |
| Packaging dimensions     | 470×380×336 mm  |
| Net weight               | 4,3 kg  |
| Gross weight             | 5,8 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  
Barcode scanners  
Cigarette lighter receptacle power supply cables  
USB cable (scale - printer)  
Receipt Printer  
Displays  
Density determination KIT

AP2-1 Current Loop Unit  
RPANEL BOX  
RS 232, RS 485 cables  
Protective cover for balances  
Under-Pan Weighing Rack  
RS 232 cables (scale - printer)

## Software

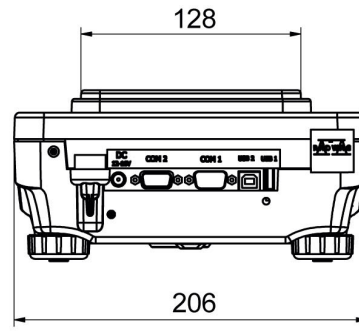
RAD-KEY  
R Panel  
R-LAB  
E2R System

LabVIEW Driver  
Alibi Reader  
RADWAG Development Studio  
R.Barcode

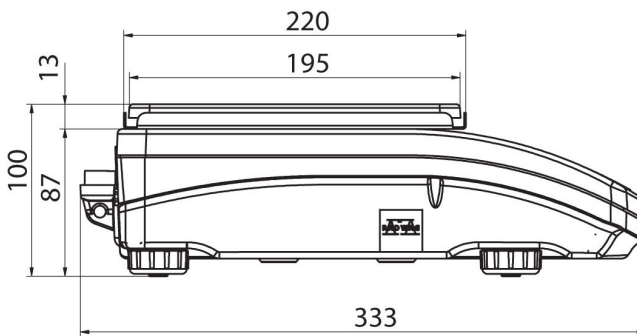
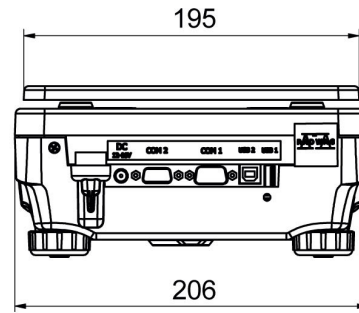
## Device dimensions



PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg

