



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

# PS 6100.R1.M Precision Balance



## 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]  | 6100 g  |
| Minimum load            | 0,5 g   |
| Readability [d]         | 0,01 g  |
| Tare range              | -6100 g |
| Repeatability (Max)     | 0,008 g |
| Repeatability (5% Max)  | 0,005 g |

| Metrological parameters       |                                                      |
|-------------------------------|------------------------------------------------------|
| Linearity                     | ±0,03 g                                              |
| Stabilization time            | 1,5 s                                                |
| Adjustment                    | external                                             |
| Sensitivity temperature drift | $2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$ |
| Physical parameters           |                                                      |
| Display                       | LCD (backlit)                                        |
| Weighing pan dimensions       | 195×195 mm                                           |
| Device dimensions             | 333x206x107 mm                                       |
| Packaging dimensions          | 470×380×340 mm                                       |
| Net weight                    | 4,5 kg                                               |
| Gross weight                  | 6,1 kg                                               |
| Construction                  |                                                      |
| Communication interface       |                                                      |
| Communication interface       | 2×RS232, USB-A, USB-B, Wi-Fi (option)                |
| Electrical parameters         |                                                      |
| Power supply                  | 100 ÷ 240 V AC 50 / 60 Hz                            |
| Environmental conditions      |                                                      |
| Operating temperature         | +10 ÷ +40 °C                                         |
| Storage temperature           | -20 ÷ +50 °C                                         |
| Relative humidity             | 40% ÷ 80%                                            |

\* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



## Accessories

- Balance Storage Case

Receipt Printer

Barcode scanners

Cigarette lighter receptacle power supply cables

Power Adapters

USB cable (scale - printer)

Displays
- Density determination kit

Protective cover for balances

AP2-1 Current Loop Unit

RPANEL BOX

RS 232, RS 485 cables

Under-Pan Weighing Rack

RS 232 cables (scale - EPSON printer)

## Software

- RAD-KEY

R Panel

ALIBI Reader

RADWAG Development Studio

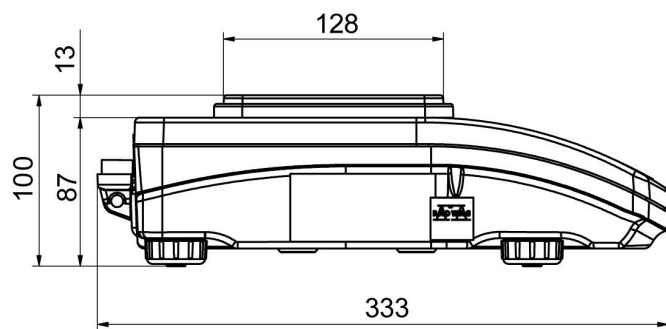
R.Barcode
- LabVIEW Driver

RADWAG Connect

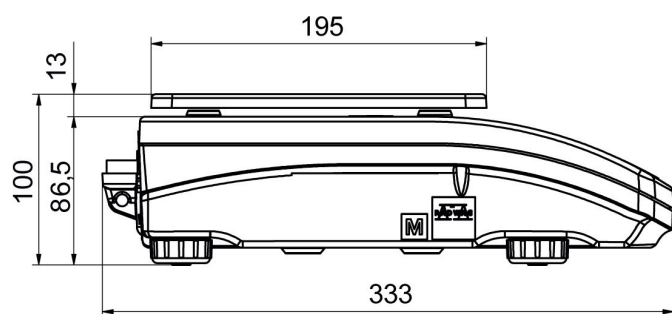
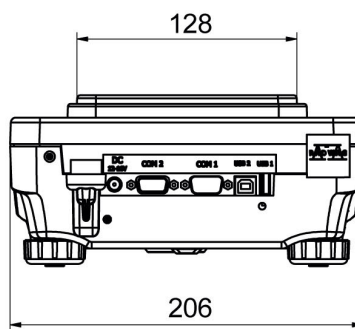
R-LAB

E2R System

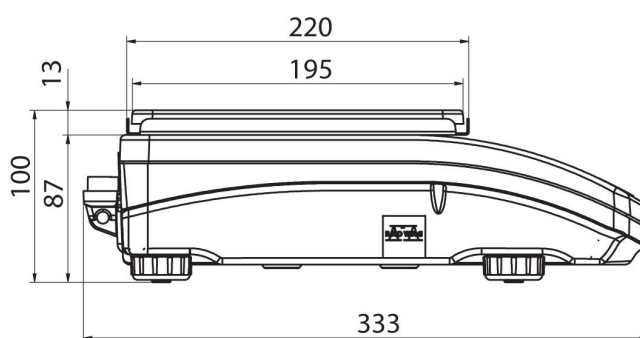
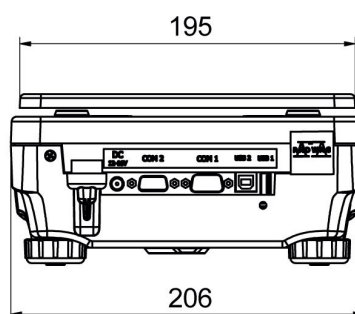
## Device dimensions



PS R, d = 1 mg



PS R, d = 10 mg



PS R.M, d = 10 mg

