



More information on the website  
[mirror.radwag.com/us/info,w1,9P0](https://mirror.radwag.com/us/info,w1,9P0)

# PS 4500.R1.M Precision Balance

WL-213-0078



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]  | 4500 g  |
| Minimum load            | 0,5 g   |
| Readability [d]         | 0,01 g  |
| Tare range              | -4500 g |
| Repeatability (Max)     | 0,008 g |
| Repeatability (5% Max)  | 0,005 g |

| Metrological parameters        |                                                                                   |
|--------------------------------|-----------------------------------------------------------------------------------|
| Linearity                      | ±0,02 g                                                                           |
| Stabilization time             | 1,5 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, power supply                          |
| Weighing pan dimensions        | 195×195 mm                                                                        |
| Device dimensions W x D x H    | 333x206x107 mm                                                                    |
| Packaging dimensions W x D x H | 475×380×345 mm                                                                    |
| Net weight                     | 4,2 kg                                                                            |
| Gross weight                   | 5,5 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 max.         | 4 W                                                                               |
| Power consumption              | 4 W                                                                               |
| 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 (Additional Fee)

!Balance Storage Case  
Antivibration tables  
Power Adapters  
Cigarette lighter receptacle power supply cables  
USB cable (scale - printer)  
Barcode scanners  
RS 232, RS 485 cables

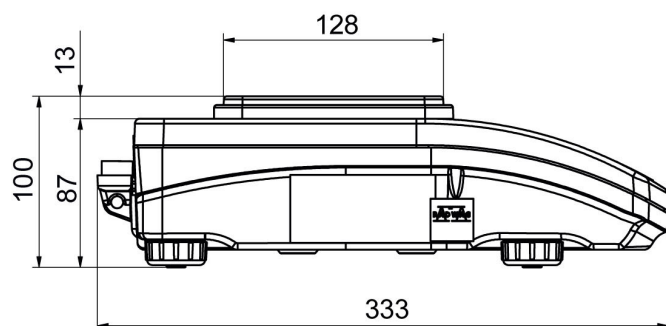
Displays  
Density determination KIT  
Protective cover for balances  
Receipt Printer  
Under-pan weighing  
RS 232 cables (scale - printer)

## Software (Additional Fee)

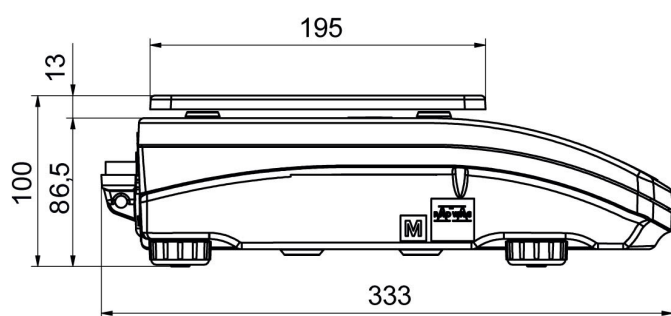
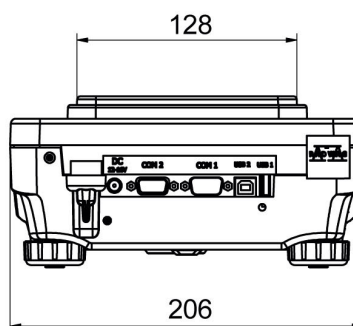
• RAD Key [WX-010-0005]

• R Panel [WX-010-0187]

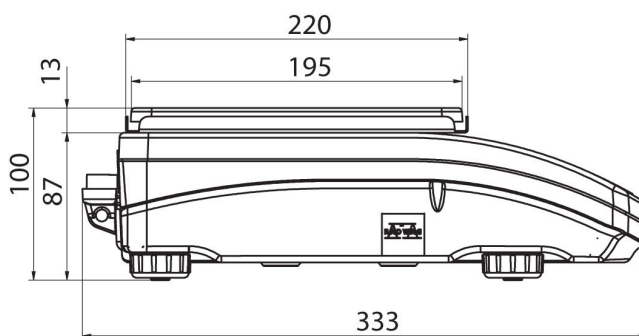
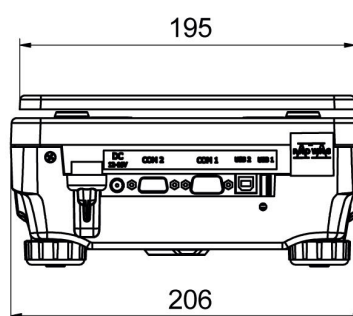
## Device dimensions W x D x H



PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg

