



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

# PS 4500.R2.M.H 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

| Metrological parameters |         |
|-------------------------|---------|
| Maximum capacity [Max]  | 4500 g  |
| Minimum load            | 500 mg  |
| Readability [d]         | 0.01 g  |
| Tare range              | -4500 g |
| Repeatability (Max)     | 0.008 g |
| Repeatability (5% Max)  | 0.005 g |
| Linearity               | ±0.03 g |

| Metrological parameters       |                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------|
| Stabilization time            | 1.5 s                                                                             |
| Adjustment                    | internal (automatic)                                                              |
| Sensitivity temperature drift | $2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$                              |
| Physical parameters           |                                                                                   |
| Leveling system               | manualny                                                                          |
| Display                       | LCD (backlit)                                                                     |
| Delivery components           | Balance, weighing pan, weighing pan shield, power supply                          |
| Weighing pan dimensions       | 195×195 mm                                                                        |
| Packaging dimensions          | 475×380×345 mm                                                                    |
| Net weight                    | 4.8 kg                                                                            |
| Gross weight                  | 6.3 kg                                                                            |
| Construction                  |                                                                                   |
| Protection class              | IP 54                                                                             |
| Communication interface       |                                                                                   |
| Communication interface       | 2×RS232, 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             | 4 W                                                                               |
| Environmental conditions      |                                                                                   |
| Operating temperature         | +10 ÷ +40 °C                                                                      |
| Relative humidity             | 40% ÷ 80%                                                                         |

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.

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



## Accessories

Antivibration Tables  
Power Adapters  
Cigarette lighter receptacle power supply cables  
USB cable (scale - printer)  
Barcode scanners  
RS 232, RS 485 cables

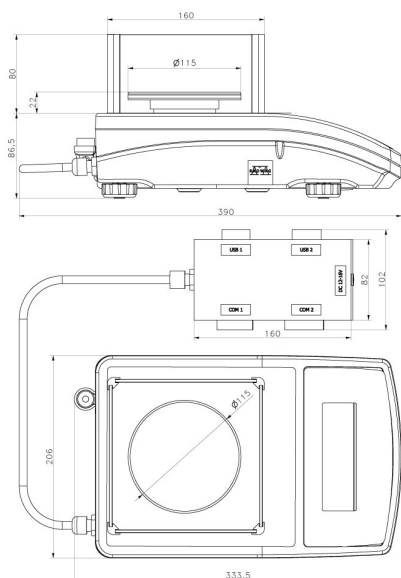
Displays  
Receipt Printer  
RS 232, RS 485 cables  
Protective cover for balances  
Under-pan weighing  
RS 232 cables (scale - printer)

## Software

- RAD Key [WX-010-0005]
- Alibi Reader [WX-010-0114]
- RADWAG Development Studio [WX-010-0104]

- R-Panel [WX-010-0187]
- R-Lab [WX-010-0080]

## Device dimensions



PS R2.H, d = 1 mg



PS R2.M.H, d = 10 mg