



More information on the website  
[radwag.com/us/info,w1,M27](http://radwag.com/us/info,w1,M27)

# PS 4500.X2.M Precision Balance



The drawings, photos and graphics used are for illustrative purposes only.

## Functions

-  Autotest
-  Dosing
-  Plus/Minus Control
-  Percent Weighing
-  Parts counting
-  Peak hold
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  Under-pan weighing
-  GLP Procedures
-  Animal weighing
-  Density determination
-  Ambient conditions monitoring
-  Replaceable unit
-  Statistical Quality Control
-  ALIBI Memory
-  Mass for titrator
-  Wi-Fi

## Datasheet

|                        |        |
|------------------------|--------|
| Maximum capacity [Max] | 4500 g |
| Minimum load           | 500 mg |
| Readability [d]        | 10 mg  |

|  |   |
|--|---|
| Verification unit [e]                  | 100 mg  |
| Tare range                             | -4500 g   |
| Standard repeatability [5% Max]        | 5 mg  |
| Standard repeatability [Max]           | 8 mg  |
| Standard minimum weight (USP)          | 10 g  |
| Standard minimum weight (U=1%, k=2)    | 1 g   |
| Linearity                              | ±20 mg  |
| Stabilization time                     | 1,5 s   |
| Adjustment                             | internal (automatic)  |
| OIML Class                             | II  |
| Sensitivity temperature drift          | $2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$                              |
| <b>Physical parameters</b>             |   |
| Leveling system                        | manual  |
| Display                                | 5" graphic color touchscreen  |
| Delivery components                    | Balance, weighing pan, weighing pan shield, power supply                          |
| Weighing pan dimensions                | 195×195 mm  |
| Device dimensions                      | 333×206×107 mm  |
| Packaging dimensions                   | 475×380×345 mm  |
| Net weight                             | 4,33 kg   |
| Gross weight                           | 5,5 kg  |
| <b>Construction</b>                    |   |
| Protection class                       | IP 43   |
| <b>Database capacity</b>               |   |
| Database capacity                      | 7   |
| <b>Features of use</b>                 |   |
| Touch-free operation                   | 2 IR Sensors  |
| <b>Communication interface</b>         |   |
| Communication interface                | 2×RS232 <sup>1</sup> , USB-A, USB-B, Ethernet, Wi-Fi                              |
| <b>Power supply</b>                    |   |
| Power supply                           | Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A<br>Balance: 12 – 15V DC 0,8A max |
| Power consumption                      | 4 W   |
| <b>Operating temperature</b>           |   |
| Operating temperature                  | +10 ÷ +40 °C  |
| Ambient conditions monitoring (option) | THBR 2.0 System, THBR BOX, THB P, THB W, THB S                                    |
| Storage temperature                    | -20 ÷ +50 °C  |
| Relative humidity                      | 40% – 80%   |

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



Extra payment for verification



## Accessories

!Balance Storage Case  
Antivibration tables  
Power Adapters  
Cigarette lighter receptacle power supply cables  
USB cable (scale - printer)  
Barcode scanners  
RS 232, RS 485 cables  
THBR 2.0 System - Ambient Conditions Monitoring  
Displays

Density determination KIT  
Receipt Printer  
Protective cover for balances  
RS 232, RS 485 cables  
Additional modules  
Protective cover for balances  
Under-pan weighing  
RS 232 cables (scale - printer)  
RS 232 – RS 485 Converter

## Software

- RAD Key [WX-010-0005]
- Scale Editor - EWAG 2.1 [WX-010-0173]

- Alibi Reader PC Software [WX-010-0114]
- RADWAG Development Studio [WX-010-0104]

## Device dimensions

