























More information on the website
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
-  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 | $2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$ |
| Physical parameters | |
| Leveling system | manualny |
| Display | 5" graphic color touchscreen |
| Delivery components | Balance, weighing pan, weighing pan shield, power supply |
| Weighing pan dimensions | 195x195 mm |
| Device dimensions | 333x206x107 mm |
| Packaging dimensions | 475x380x345 mm |
| Net weight | 4,33 kg |
| Gross weight | 5,5 kg |
| Construction | |
| Protection class | IP 43 |
| Database capacity | 7 |
| Features of use | |
| Touch-free operation | 2 IR Sensors |
| Communication interface | 2xRS232 ¹ , USB-A, USB-B, Ethernet, Wi-Fi |
| Power supply | Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,8A max |
| Power consumption | 4 W |
| 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

