



More information on the website  
[mirror.radwag.com/us/info,w1,2HR](https://mirror.radwag.com/us/info,w1,2HR)

# PS 10100.X7.M Precision Balance

WL-226-0001



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] | 10100 g |
| Minimum load           | -       |
| Readability [d]        | 10 mg   |

|                                        |                                                                                                                        |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Verification unit [e]                  | -                                                                                                                      |
| Tare range                             | -10100 g                                                                                                               |
| Standard repeatability [5% Max]        | 5 mg                                                                                                                   |
| Standard repeatability [Max]           | 12 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                             | -                                                                                                                      |
| Sensitivity temperature drift          | $2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$                                                                   |
| <b>Physical parameters</b>             |                                                                                                                        |
| Leveling system                        | manual                                                                                                                 |
| Display                                | 7" graphic colour touchscreen                                                                                          |
| 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         | 476×381×346 mm                                                                                                         |
| Net weight                             | 5,7 kg                                                                                                                 |
| Gross weight                           | 6,5 kg                                                                                                                 |
| <b>Construction</b>                    |                                                                                                                        |
| Protection class                       | IP 43                                                                                                                  |
| Database capacity                      | Products, Users, Packaging, Customers, Formulations, Formulations reports, Ambient Conditions, Weighings, Alibi memory |
| <b>Features of use</b>                 |                                                                                                                        |
| Touch-free operation                   | 2 IR Sensors                                                                                                           |
| Communication interface                | 2×RS232 <sup>1</sup> , USB-A, USB-B, Ethernet, Wi-Fi                                                                   |
| 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                                                                                                                    |
| 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.



## 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  
THBR 2.0 System - Ambient Conditions Monitoring

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

## Software (Additional Fee)

- 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 W x D x H

