
























More information on the website  
radwag.com/en/info,w1,P35

# PS 2100.X2.M.PGC 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
-  GLP Procedures
-  Animal weighing
-  Density determination
-  Ambient conditions monitoring
-  Replaceable unit
-  Statistical Quality Control
-  Packaged Goods Control
-  ALIBI Memory
-  Mass for titrator
-  Wi-Fi

## Datasheet

### Metrological parameters

|                        |        |
|------------------------|--------|
| Maximum capacity [Max] | 2100 g |
| Minimum load           | 5 g    |

| <b>Metrological parameters</b>  |   |
|---------------------------------|---|
| Readability [d]                 | 0.1 g   |
| Verification unit [e]           | 0.1 g   |
| Tare range                      | -2100 g   |
| Minimum weight (USP)            | 10 g  |
| Minimum weight (U=1%,k=2)       | 1 g   |
| Repeatability (Max)             | 0.008 g   |
| Repeatability (5% Max)          | 0.005 g   |
| Linearity                       | ±0.02 g   |
| 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  |
| Packaging dimensions            | 475×380×345 mm  |
| Net weight                      | 4.3 kg  |
| Gross weight                    | 5.8 kg  |
| <b>Construction</b>             |   |
| Protection class                | IP 43   |
| <b>Components and software</b>  |   |
| Database capacity               | 7   |
| <b>Features of use</b>          |   |
| Touch-free operation            | 2 IR Sensors  |
| <b>Communication interface</b>  |   |
| Communication interface         | 2×RS232, USB-A, USB-B, Ethernet, Wi-Fi  |
| <b>Electrical parameters</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>Environmental conditions</b> |   |
| 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

Balance Storage Case  
Power Adapters  
Cigarette lighter receptacle power supply cables  
USB cable (scale - printer)  
Barcode scanners  
Antivibration Tables  
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]
- Alibi Reader [WX-010-0114]
- Scale Editor 2.1 [WX-010-0173]

- E2R PGC [WX-010-0051]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]