



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

PS 6100.X7.M.PGC Precision Balance

WK-313-0004



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
- Packaged Goods Control
- ALIBI Memory
- Mass for titrator
- Wi-Fi

Datasheet

Metrological parameters

| | |
|------------------------|--------|
| Maximum capacity [Max] | 6100 g |
| Minimum load | 5 g |

| Metrological parameters | |
|---------------------------------|--|
| Readability [d] | 0.1 g |
| Verification unit [e] | 0.1 g |
| Tare range | -6100 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 | $2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$ |
| Physical parameters | |
| 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 | 333x206x107 mm |
| Packaging dimensions | 476×381×346 mm |
| Net weight | 5.7 kg |
| Gross weight | 6.5 kg |
| Construction | |
| Protection class | IP 43 |
| Components and software | |
| Database capacity | Products, Users, Packaging, Customers, Formulations, Formulations reports, Ambient Conditions, Weighings, Alibi memory, Control reports, Average tares |
| Features of use | |
| Touch-free operation | 2 IR Sensors |
| Communication interface | |
| Communication interface | 2×RS232 ¹ , USB-A, USB-B, Ethernet, Wi-Fi |
| Electrical parameters | |
| 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 |
| Environmental conditions | |
| Operating temperature | +10 – +40 °C |
| Storage temperature | -20 – +50 °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.



Additional fee for verification



Accessories (Additional Fee)

Balance Storage Case
Power Adapters
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Barcode scanners
Antivibration Tables
Displays
Density determination KIT

Protective cover for balances
Receipt Printer
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 (Additional Fee)

- 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]