radwag.com

# PS 2100.RX.M Precision Balance

WL-228-0008

More information on the website
radwag.com/en/info,w1,42L



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

## Functions

- Autotest
- Dosing
- Percent Weighing
- Totalizing
- Parts counting
- Peak hold
- Newton unit measurement
- Statistics
- Checkweighing
- Under-pan weighing
- GLP Procedures
- Animal weighing
- Density determination

## Datasheet

| Metrological parameters | |
|---|---|
| Maximum capacity [Max] | 2100 g |
| Minimum load | 500 mg |
| Readability [d] | 10 mg |
| Verification unit [e] | 100 mg |
| Tare range | -2100 g |
| Minimum weight (USP) | 10 g |

| | |
|---|---|
| **Metrological parameters** | |
| Minimum weight (U=1%, k=2) | 1 g |
| Standard repeatability [Max] | 8 mg |
| Standard repeatability [5% Max] | 5 mg |
| Linearity | ±20 mg |
| Stabilization time | 1.5 s |
| Adjustment | internal (automatic) |
| Sensitivity temperature drift | $2\times10^{-6}$/°C×Rt |
| **Physical parameters** | |
| Leveling system | manual |
| Display | 5" colour touchscreen |
| Delivery components | Balance, weighing pan, weighing pan shield, power supply |
| Weighing pan dimensions | 195×195 mm |
| Packaging dimensions W x D x H | 475×380×345 mm |
| Net weight | 3.8 kg |
| Gross weight | 5.5 kg |
| **Construction** | |
| Protection class | IP 43 |
| **Communication interface** | |
| Communication interface | 2×RS232[1], USB-A, USB-B, Wi-Fi (option) |
| **Electrical parameters** | |
| Power supply | Adapter: 100 – 240V AC 50/60Hz 0.6A Max; 12V DC 1.2A<br>Balance: 12 – 15V DC 0.7A max; 3 – 5.5W* |
| Power consumption | 4 W |
| **Environmental conditions** | |
| 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.
***** Power consumption depends on the terminal configuration as well as the number and type of external devices connected.
[1] Barcode scanners, available as weighing instrument accessory, communicate with the instrument via RS232 interface exclusively.

* 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
Displays
Density determination KIT
Protective cover for balances
Receipt Printer
Under-pan weighing
RS 232 cables (scale - printer)

# Software (Additional Fee)

- RAD Key [WX-010-0005]
- Alibi Reader [WX-010-0114]
- RADWAG Development Studio [WX-010-0104]
- R-Panel [WX-010-0187]
- R-Lab [WX-010-0080]