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[radwag.com/en/info,w1,CN2](https://radwag.com/en/info,w1,CN2)

# PS 210.X2 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

| Metrological parameters         |         |
|---------------------------------|---------|
| Maximum capacity [Max]          | 210 g   |
| Minimum load                    | 0,02 g  |
| Readability [d]                 | 0,001 g |
| Verification scale interval [e] | 0,01 g  |

| Metrological parameters   |                                                                                           |
|---------------------------|-------------------------------------------------------------------------------------------|
| Tare range                | -210 g                                                                                    |
| Minimum weight (USP)      | 1 g                                                                                       |
| Minimum weight (U=1%,k=2) | 0,1 g                                                                                     |
| Repeatability (Max)       | 0,001 g                                                                                   |
| Repeatability (5% Max)    | 0,0005 g                                                                                  |
| Linearity                 | ±0,002 g                                                                                  |
| Stabilization time        | 2 s                                                                                       |
| Adjustment                | internal (automatic)                                                                      |
| OIML Class                | II                                                                                        |
| Physical parameters       |                                                                                           |
| Leveling system           | manual                                                                                    |
| Display                   | 5" graphic color touchscreen                                                              |
| Protection class          | IP 43                                                                                     |
| Delivery components       | Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply. |
| Weighing pan dimensions   | 128×128 mm                                                                                |
| Packaging dimensions      | 470×380×336 mm                                                                            |
| Net weight                | 3,7 kg                                                                                    |
| Gross weight              | 5,3 kg                                                                                    |
| Features of use           |                                                                                           |
| Database capacity         | 7                                                                                         |
| Touch-free operation      | 2 IR Sensors                                                                              |
| Communication interface   |                                                                                           |
| Communication interface   | 2×RS232 <sup>1</sup> , USB-A, USB-B, Ethernet, Wi-Fi                                      |
| Electrical parameters     |                                                                                           |
| Power supply              | Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A<br>Balance: 12 – 15V DC 0,8A max         |
| Environmental conditions  |                                                                                           |
| Operating temperature     | +10 ÷ +40 °C                                                                              |

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. 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

Barcode scanners  
Cigarette lighter receptacle power supply cables  
USB cable (scale - printer)  
Density determination KIT  
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan  
Antivibration Tables

Displays  
Draft Shield  
Protective cover for balances  
RS 232, RS 485 cables  
Under-Pan Weighing Rack  
RS 232 cables (scale - printer)

## Software

RAD-KEY  
Alibi Reader  
RADWAG Development Studio  
R.Barcode

LabVIEW Driver  
R-LAB  
E2R System

## Device dimensions

