



# PS 210.X7 Precision Balance

WL-226-0012

More information on the website  
[mirror.radwag.com/en/info,w1,7GB](http://mirror.radwag.com/en/info,w1,7GB)



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

### Metrological parameters

Maximum capacity [Max]	210 g
Minimum load	20 mg

<b>Metrological parameters</b>	
Readability [d]	1 mg
Verification unit [e]	10 mg
Tare range	-210 g
Standard repeatability [5% Max]	0.5 mg
Standard repeatability [Max]	1 mg
Standard minimum weight (USP)	1 g
Standard minimum weight (U=1%, k=2)	0.1 g
Linearity	±2 mg
Stabilization time	2 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	7" graphic colour touchscreen
Delivery components	Balance, weighing pan, weighing pan shield, grounding bumper x1, bumper x3, power supply.
Weighing pan dimensions	128x128 mm
Packaging dimensions W x D x H	545x455x575 mm
Net weight	5.7 kg
Gross weight	7.49 kg
<b>Construction</b>	
Protection class	IP 43
<b>Components and software</b>	
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
<b>Communication interface</b>	
Communication interface	2xRS232 <sup>1</sup> , 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 Balance: 12 – 15V DC 0.8A max
Power consumption	4 W
<b>Environmental conditions</b>	
Operating temperature	+10 – +40 °C
Ambient conditions monitoring (option)	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
Relative humidity	40% – 80%
<b>Repeatability</b> is expressed as a standard deviation from 10 weighing cycles.	
<b>Stabilization time</b> depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.	
<sup>1</sup> 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.



Additional fee for verification



## Accessories (Additional Fee)

Antivibration Tables

Power Adapters

Cigarette lighter receptacle power supply cables

USB cable (scale - printer)

Density determination KIT

Barcode scanners

Anti-Draft Chamber for Balances with a 128x128 mm Weighing Pan

RS 232, RS 485 cables

THBR 2.0 System - Ambient Conditions Monitoring

Displays

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

- Alibi Reader [WX-010-0114]
- Scale Editor 2.1 [WX-010-0173]

## Device dimensions W x D x H

