



More information on the website
radwag.com/en/info,w1,CN2

PS 210.X2 Precision Balance

WL-218-0015



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

Metrological parameters	
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	$2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$
Physical parameters	
Leveling system	manual
Display	5" graphic color touchscreen
Delivery components	Balance, weighing pan, ošona weighing pans, grounding bumper ×1, bumper ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	475×380×345 mm
Net weight	3.54 kg
Gross weight	5 kg
Construction	
Protection class	IP 43
Components and software	
Database capacity	Products, Users, Packaging, Customers, Formulations, Formulations reports, Ambient Conditions, Weighings, Alibi memory
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
Ambient conditions monitoring (option)	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
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.

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.



Additional fee for verification



Accessories (Additional Fee)

Balance Storage Case	Displays
Antivibration Tables	Draft Shield
Power Adapters	Receipt Printer
Cigarette lighter receptacle power supply cables	Protective cover for balances
USB cable (scale - printer)	RS 232, RS 485 cables
Density determination KIT	Additional modules
Barcode scanners	Protective cover for balances
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan	Under-pan weighing
RS 232, RS 485 cables	RS 232 cables (scale - printer)
THBR 2.0 System - Ambient Conditions Monitoring	RS 232 – RS 485 Converter

Software (Additional Fee)

- | | |
|---|----------------------------------|
| • RAD Key [WX-010-0005] | • Alibi Reader [WX-010-0114] |
| • R-Lab [WX-010-0080] | • Scale Editor 2.1 [WX-010-0173] |
| • RADWAG Development Studio [WX-010-0104] | |

Device dimensions

