



# PS 2100.X7.M Precision Balance

WL-226-0003

More information on the website  
[mirror.radwag.com/us/info,w1,G2M](http://mirror.radwag.com/us/info,w1,G2M)



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]	2100 g
Minimum load	500 mg

<b>Metrological parameters</b>	
Readability [d]	10 mg
Verification unit [e]	100 mg
Tare range	-2100 g
Minimum weight (USP)	10 g
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)
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, power supply
Weighing pan dimensions	195×195 mm
Packaging dimensions W x D x H	476×381×346 mm
Net weight	4,3 kg
Gross weight	5,5 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	2×RS232 <sup>1</sup> , USB-A, USB-B, Ethernet, Wi-Fi
<b>Electrical parameters</b>	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0.6A Max; 12V DC 1,2A Balance: 12 – 15V DC 0,9A max; 4 – 8W*
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%

\* 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  
 THBR 2.0 System - Ambient Conditions Monitoring

Displays  
 Density determination KIT  
 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]
- Scale Editor - EWAG 2.1 [WX-010-0173]

- Alibi Reader PC Software [WX-010-0114]
- RADWAG Development Studio [WX-010-0104]

## Device dimensions W x D x H

