



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

# PS 8100.5Y.M 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
-  Pipettes Calibration
-  Air density correction
-  Density determination
-  Differential weighing
-  Ambient conditions monitoring
-  Statistical Quality Control
-  Packaged Goods Control
-  ALIBI Memory
-  Wi-Fi

## Datasheet

Maximum capacity [Max]	8100 g
Minimum load	500 mg
Readability [d]	10 mg

Verification unit [e]	100 mg
Tare range	-8100 g
Standard repeatability [5% Max]	5 mg
Standard repeatability [Max]	10 mg
Standard minimum weight (USP)	10 g
Standard minimum weight (U=1%, k=2)	1 g
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	semi-automatic - LevelSENSING
Display	10" graphic colour touchscreen
Delivery components	Balance, weighing pan, weighing pan shield, power supply
Weighing pan dimensions	195x195 mm
Device dimensions	333x206x107 mm
Packaging dimensions	720x370x274 mm
Net weight	7,2 kg
Gross weight	9,3 kg
<b>Construction</b>	
Protection class	IP 43
<b>Database capacity</b>	
Database capacity	7
<b>Features of use</b>	
Touch-free operation	2 IR Sensors
<b>Communication interface</b>	
Communication interface	2xUSB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
<b>Power supply</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>Operating temperature</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.



Extra payment for verification



## Accessories

!Balance Storage Case  
 Antivibration tables  
 Power Adapters  
 Cigarette lighter receptacle power supply cables  
 Additional modules  
 USB cable (scale - printer)  
 Professional Weighing Tables  
 Protective cover for balances  
 Barcode scanners  
 RS 232, RS 485 cables

THBR 2.0 System - Ambient Conditions Monitoring  
 Density determination KIT  
 Receipt Printer  
 Fingerprint Reader  
 RS 232, RS 485 cables  
 Protective cover for balances  
 Under-pan weighing  
 RS 232 cables (scale - printer)  
 RS 232 – RS 485 Converter

## Software

- E2R Weighing [WX-010-0099]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- RADWAG Development Studio [WX-010-0104]

- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- Scale Editor - EWAG 2.1 [WX-010-0173]

## Device dimensions

