



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

# PS 3000.5Y 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]	3000 g
Minimum load	-
Readability [d]	1 mg

Verification unit [e]	-
Tare range	-3000 g
Standard repeatability [5% Max]	0,6 mg
Standard repeatability [Max]	1,5 mg
Standard minimum weight (USP)	1,2 g
Standard minimum weight (U=1%, k=2)	0,12 g
Linearity	±6 mg
Stabilization time	3 s
Adjustment	internal (automatic)
OIML Class	-
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, grounding bumper ×1, bumper ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	600×400×550 mm
Net weight	3,9 kg
Gross weight	5,5 kg
<b>Construction</b>	
Protection class	IP 43
Database capacity	7
<b>Features of use</b>	
Touch-free operation	2 IR Sensors
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10–19W*
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

Anti-draft Chamber for balances with a weighing pan 128×128mm  
RS 232, RS 485 cables

Power Adapters  
 Cigarette lighter receptacle power supply cables  
 Additional modules  
 Protective cover for balances  
 USB cable (scale - printer)  
 Professional Weighing Tables  
 Protective cover for balances  
 Barcode scanners

THBR 2.0 System - Ambient Conditions Monitoring  
 Receipt Printer  
 Fingerprint Reader  
 RS 232, RS 485 cables  
 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

