























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

# PS 750.X2.PGC 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
-  GLP Procedures
-  Animal weighing
-  Density determination
-  Ambient conditions monitoring
-  Replaceable unit
-  Statistical Quality Control
-  Packaged Goods Control
-  ALIBI Memory
-  Mass for titrator
-  Wi-Fi

## Datasheet

Metrological parameters	
Maximum capacity [Max]	750 g
Minimum load	0.5 g
Readability [d]	0.01 g
Verification unit [e]	0.01 g

<b>Metrological parameters</b>	
Tare range	-750 g
Minimum weight (USP)	1 g
Minimum weight (U=1%,k=2)	0.1 g
Repeatability (Max)	0.0015 g
Repeatability (5% Max)	0.0005 g
Linearity	±0.003 g
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	5" graphic color touchscreen
Delivery components	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	470×380×336 mm
Net weight	3.9 kg
Gross weight	5.5 kg
<b>Construction</b>	
Protection class	IP 43
<b>Components and software</b>	
Database capacity	7
<b>Features of use</b>	
Touch-free operation	2 IR Sensors
<b>Communication interface</b>	
Communication interface	2×RS232, 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
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.

\* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



## Accessories

Balance Storage Case	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
Antivibration Tables	RS 232 cables (scale - printer)
Displays	RS 232 – RS 485 Converter

## Software

- |                                  |   |
|----------------------------------|---|
| • RAD Key [WX-010-0005]          | • E2R PGC [WX-010-0051]                   |
| • Alibi Reader [WX-010-0114]     | • R-Lab [WX-010-0080]                     |
| • Scale Editor 2.1 [WX-010-0173] | • RADWAG Development Studio [WX-010-0104] |