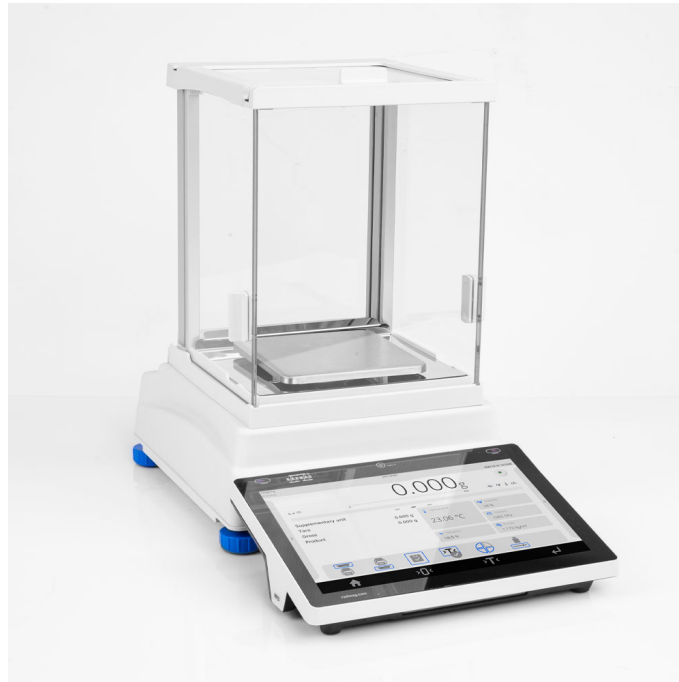




More information on the website  
[radwag.com/en/info,w1,SKZ](http://radwag.com/en/info,w1,SKZ)

# PS 750.5Y 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
-  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

### Metrological parameters

|                        |       |
|------------------------|-------|
| Maximum capacity [Max] | 750 g |
| Minimum load           | -     |

| <b>Metrological parameters</b>  |   |
|---------------------------------|---|
| Readability [d]                 | 1 mg  |
| Verification unit [e]           | -   |
| Tare range                      | -750 g  |
| Minimum weight (USP)            | 1 g   |
| Minimum weight (U=1%,k=2)       | 0.1 g   |
| Repeatability (Max)             | 1.5 mg  |
| Repeatability (5% Max)          | 0.5 mg  |
| Linearity                       | ±3 mg   |
| Stabilization time              | 2 s   |
| Adjustment                      | internal (automatic)  |
| OIML Class                      | -   |
| Sensitivity temperature drift   | $2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$                                      |
| Protection class                | IP 43   |
| Relative humidity               | 40% ÷ 80%   |
| <b>Physical parameters</b>      |   |
| Leveling system                 | semi-automatic - LevelSENSING   |
| Display                         | 10" touchscreen   |
| Delivery components             | Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply. |
| Weighing pan dimensions         | 128×128 mm  |
| Packaging dimensions            | 545×455×575 mm  |
| Net weight                      | 3.9 kg  |
| Gross weight                    | 5 kg  |
| <b>Features of use</b>          |   |
| Database capacity               | 7   |
| Touch-free operation            | 2 IR Sensors  |
| <b>Communication interface</b>  |   |
| Communication interface         | USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot   |
| <b>Electrical parameters</b>    |   |
| Power supply                    | Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A<br>Balance: 12 – 15V DC 0.8A max         |
| Power consumption               | 4 W   |
| <b>Environmental conditions</b> |   |
| Operating temperature           | +10 ÷ +40 °C  |
| Ambient conditions monitoring   | THBR 2.0 System, THBR BOX, THB P, THB W, THB S  |

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.

<sup>1</sup> 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.



## Accessories

### Balance Storage Case

- Transport Case for PS, WLC (A1 and A2) Balances [WX-002-0049]

### Antivibration Tables

- SAL/STONE/H Stainless Steel Antivibration Table [WX-001-0079]
- SAL/STONE/C Antivibration Table [WX-001-0078]

### Power Adapters

- ZR-04/1 Powerbank [WX-015-0329]
- ZR-03/1 Powerbank [WX-015-0319]

### Cigarette lighter receptacle power supply cables

- K0047 Car lighter 12V cable [WX-013-0034]

### Additional modules

- RES Radwag Extended SI Module (5Y, CY10) [WX-016-0315]
- 21 CFR Part 11 Compliance Module (4Y, 5Y, CY10) [WX-001-0133]

### USB cable (scale - printer)

- PT0238 USB Cable Type A-B [WX-013-0056]

### Professional weighing table

- PSW Professional Single Weighing Workstation [WX-001-0020]

### Density determination KIT

- KIT 128 Density Determination Kit [WX-002-0001]

### Protective cover for balances

- Hybrid Protective Glass 5Y, CY10 [WX-001-0435]

### Barcode scanners

- LS2208 Barcode Scanner [WX-006-0005]
- PD9531 Barcode Scanner [WX-006-0046]
- DS2208 Barcode Scanner [WX-006-0036]

### Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan

- Anti-Draft Chamber 153 [WX-002-0051]
- Anti-Draft Chamber [WX-002-0026]

### RS 232, RS 485 cables

- Cable to the ZR-03/1 and ZR-04/1 Powerbank [WX-013-0244]

### USB Hubs

- USB 3.0 Hub [WX-015-0286]

### THBR 2.0 System - Ambient Conditions Monitoring

- THBR Box Ambient Conditions Recorder [WX-016-0163]
- THB W Sensor [WX-016-0162]

### Draft Shield

- Draft Shield PS/WLC.X2 128×128 [WX-002-0103]

### Receipt Printer

- RTP-UEW80 Radwag Thermal Receipt Printer (USB + Ethernet + WiFi) [WX-007-0118]
- RTP-RU80 Radwag Thermal Receipt Printer (RS232 + USB) [WX-007-0119]

### Fingerprint Reader

### RS 232, RS 485 cables

- P0108 Cable [WX-013-0003]
- PT0443 Cable [WX-013-0229]
- P0108.5 Cable [WX-013-0161]

### Protective cover for balances

- Fabric Dust Cover for PS,WLC Balances [WX-002-0108]

### Under-pan weighing

- Under-pan Weighing Rack for AS and PS Balances [WX-002-0111]
- Under-Pan Weighing Hook (XA, AS, PS) [WX-015-0325]

### RS 232 cables (scale - printer)

- P0151 Cable [WX-013-0002]

### RS 232 – RS 485 Converter

- KR-01 Converter [WX-004-0021]

## Software

- RAD Key [WX-010-0005]
- THB-R [WX-010-0122]
- RADWAG Remote Desktop [WX-010-0107]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]
- R-Barcode [WX-010-0109]

- LabVIEW "Radwag Balances & Scale" Driver [WX-010-0105]
- Label Editor R02 [WX-010-0094]
- Alibi Reader [WX-010-0114]
- Scale Editor 2.1 [WX-010-0173]
- E2R Weighing Records [WX-010-0038]

## Device dimensions

