



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

PS 750.R1 Precision Balance

WL-213-0022



The drawings, photos and graphics used are for illustrative purposes only.

Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit measurement



Statistics



Checkweighing



Under-pan weighing



GLP Procedures



Animal weighing



Density determination

Datasheet

| Metrological parameters | |
|-------------------------|----------|
| Maximum capacity [Max] | 750 g |
| Minimum load | 20 mg |
| Readability [d] | 0.001 g |
| Tare range | -750 g |
| Repeatability (Max) | 0.0015 g |
| Repeatability (5% Max) | 0.0005 g |

| Metrological parameters | |
|-------------------------------|---|
| Linearity | ±0.003 g |
| Stabilization time | 2 s |
| Adjustment | external |
| Sensitivity temperature drift | $2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$ |
| Physical parameters | |
| Leveling system | manual |
| Display | LCD (backlit) |
| Delivery components | Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply. |
| Weighing pan dimensions | 128×128 mm |
| Packaging dimensions | 475×380×345 mm |
| Net weight | 3.2 kg |
| Gross weight | 4.5 kg |
| Construction | |
| Protection class | IP 43 |
| Communication interface | |
| Communication interface | 2×RS232 ¹ , USB-A, USB-B, Wi-Fi (option) |
| Electrical parameters | |
| Power supply | Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A Balance: 12 – 15V DC 0.4A max |
| Power consumption | 4 W |
| Environmental conditions | |
| 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.

¹ 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 (Additional Fee)

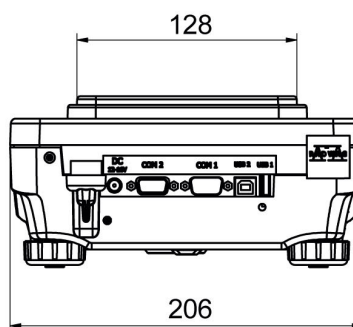
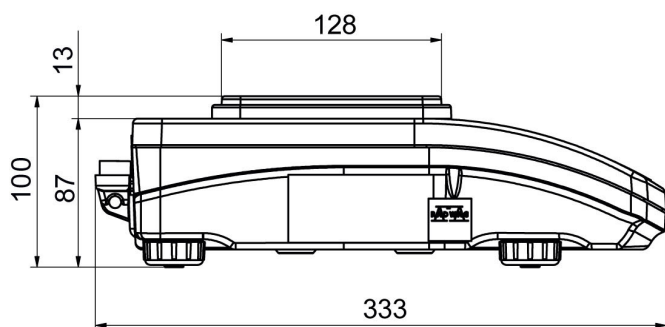
| | |
|--|---------------------------------|
| Balance Storage Case | RS 232, RS 485 cables |
| Antivibration Tables | Displays |
| Power Adapters | Draft Shield |
| Cigarette lighter receptacle power supply cables | Receipt Printer |
| USB cable (scale - printer) | Protective cover for balances |
| Density determination KIT | RS 232, RS 485 cables |
| Barcode scanners | Under-pan weighing |
| Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan | RS 232 cables (scale - printer) |

Software (Additional Fee)

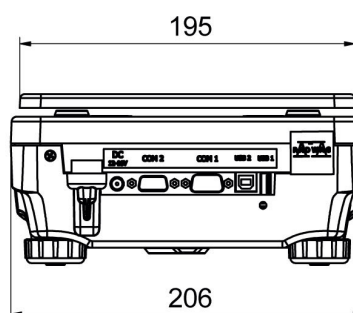
• RAD Key [WX-010-0005]

• R-Panel [WX-010-0187]

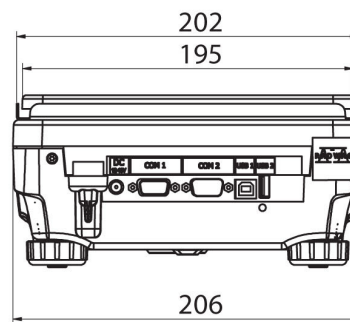
Device dimensions



PS R, d = 1 mg



PS R, d = 10 mg



PS R.M, d = 10 mg