



# PS 750.R1 Precision Balance

WL-213-0022

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



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

<b>Metrological parameters</b>	
Linearity	±0.003 g
Stabilization time	2 s
Adjustment	external
Sensitivity temperature drift	2×10 <sup>-6</sup> /°C×Rt
<b>Physical parameters</b>	
Leveling system	manual
Display	5.3" 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 W x D x H	475×380×345 mm
Net weight	3.2 kg
Gross weight	4.5 kg
<b>Construction</b>	
Protection class	IP 43
<b>Communication interface</b>	
Communication interface	2×RS232 <sup>1</sup> , USB-A, USB-B, Wi-Fi (option)
<b>Electrical parameters</b>	
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
<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.

<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 (Additional Fee)

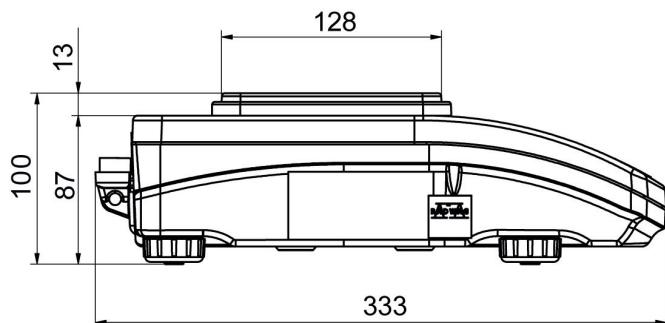
Balance Storage Case	RS 232, RS 485 cables
Antivibration Tables	Displays
Power Adapters	Draft Shield
Cigarette lighter receptacle power supply cables	Receipt Printer
USB cable (scale - printer)	Protective cover for balances
Density determination KIT	Under-pan weighing
Barcode scanners	RS 232 cables (scale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

## Software (Additional Fee)

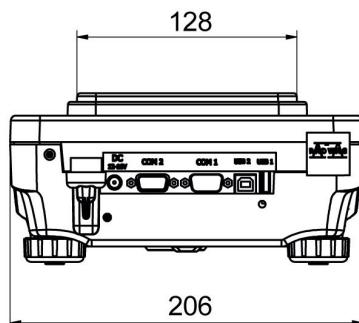
• RAD Key [WX-010-0005]

• R-Panel [WX-010-0187]

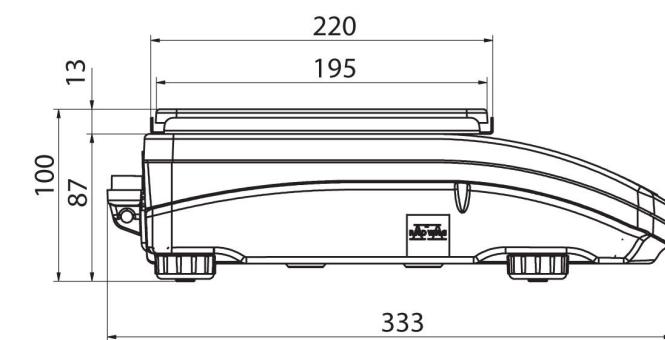
## Device dimensions W x D x H



PS R,  $d = 1\text{ mg}$



PS R,  $d = 10\text{ mg}$



PS R.M,  $d = 10\text{ mg}$

