radwag.com

PS 10100.R2.M Precision Balance

WL-212-0133

More information on the website
mirror.radwag.com/en/info,w1,0TW

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]	10100 g
Minimum load	-
Readability [d]	10 mg
Verification unit [e]	-
Tare range	-10100 g
Minimum weight (USP)	10 g

Metrological parameters	
Minimum weight (U=1%, k=2)	1 g
Standard repeatability [Max]	12 mg
Standard repeatability [5% Max]	5 mg
Linearity	±20 mg
Stabilization time	1.5 s
Adjustment	internal (automatic)
OIML Class	-
Sensitivity temperature drift	2×10^{-6}/°C×Rt
Physical parameters	
Leveling system	manual
Display	5.3” LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, power supply
Weighing pan dimensions	195×195 mm
Device dimensions W x D x H	333x206x107 mm
Packaging dimensions W x D x H	475×380×345 mm
Net weight	4.33 kg
Gross weight	5.5 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 Max; 12V DC 1.2A Balance: 12 – 15V DC 0.7A max; 3 – 5.5W*
Power consumption	4 W
Environmental conditions	
Operating temperature	+10 – +40 °C
Storage temperature	-20 – +50 °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.
***** Power consumption depends on the terminal configuration as well as the number and type of external devices connected.
[1] Barcode scanners, available as weighing instrument accessory, communicate with the instrument via RS232 interface exclusively.

Accessories (Additional Fee)

Balance Storage Case
Antivibration Tables
Displays
Density determination KIT

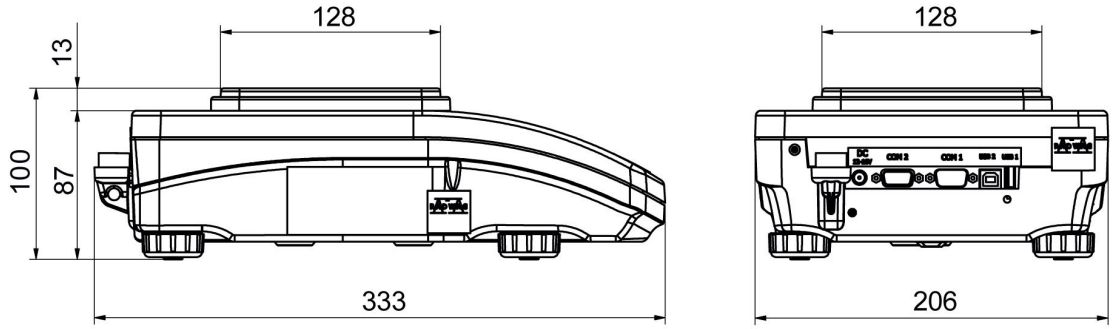
Power Adapters
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Barcode scanners
RS 232, RS 485 cables

Protective cover for balances
Receipt Printer
Under-pan weighing
RS 232 cables (scale - printer)

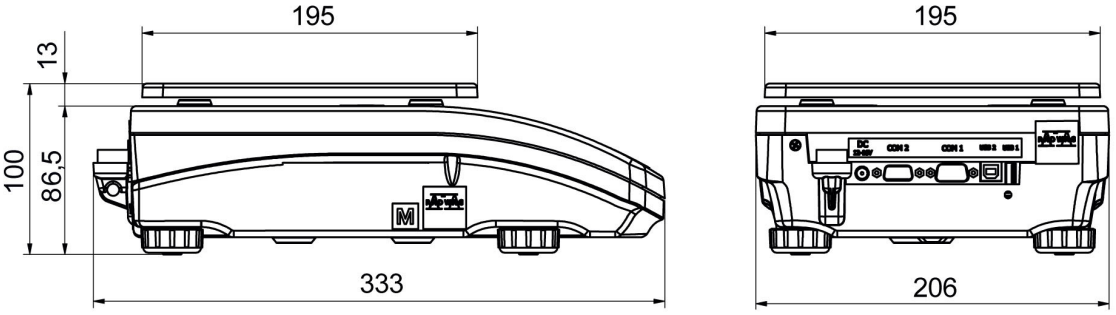
Software (Additional Fee)

- RAD Key [WX-010-0005]
- Alibi Reader [WX-010-0114]
- RADWAG Development Studio [WX-010-0104]
- R-Panel [WX-010-0187]
- R-Lab [WX-010-0080]

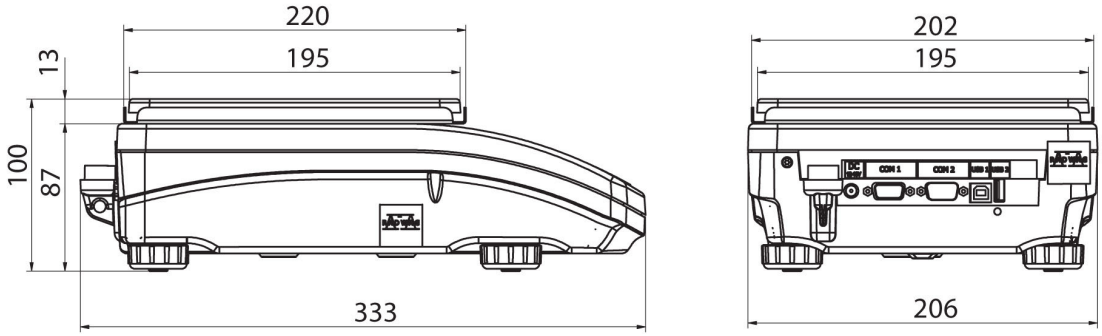
Device dimensions W x D x H



PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg