radwag.com

PS 200/2000.R2 Precision Balance

WL-212-1003

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

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]	200 / 2000 g
Minimum load	20 mg
Readability [d]	1 / 10 mg
Verification unit [e]	10 / 100 mg
Tare range	-2000 g
Minimum weight (USP)	1 g

Metrological parameters	
Minimum weight (U=1%, k=2)	0.1 g
Standard repeatability [Max]	1 / 10 mg
Standard repeatability [5% Max]	0.5 / 5 mg
Linearity	±2 / 20 mg
Stabilization time	2 / 1.5 s
Adjustment	internal (automatic)
OIML Class	II
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, 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	4.7 kg
Gross weight	6 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
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.

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

Additional fee for verification

Accessories (Additional Fee)

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

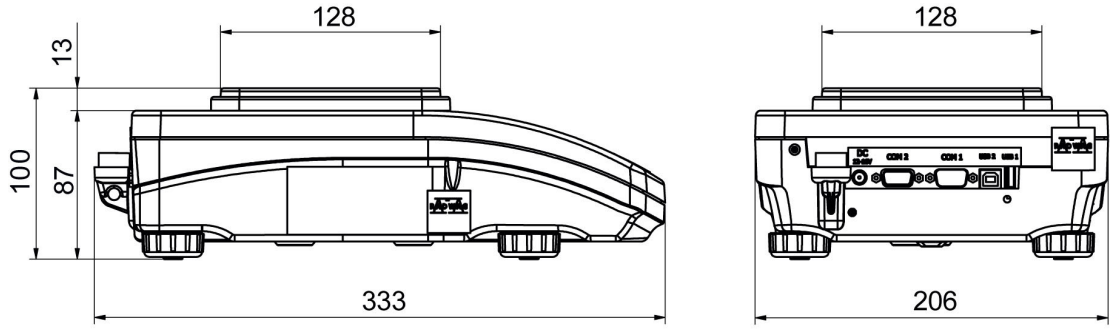
Barcode scanners

RS 232 cables (scale - printer)

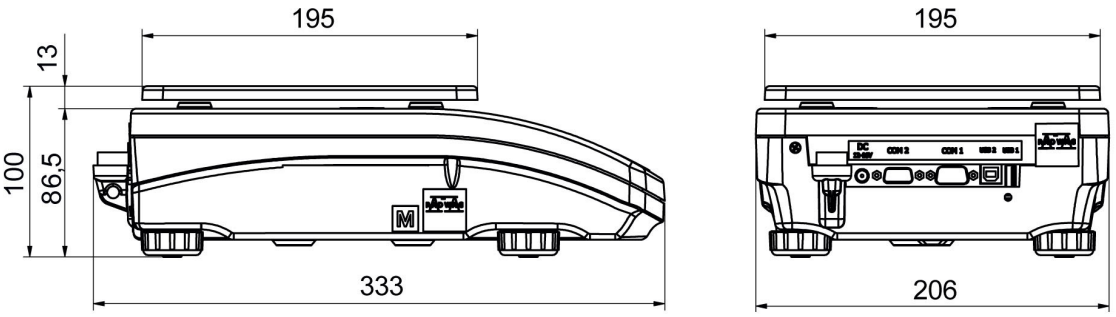
Software (Additional Fee)

- 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]

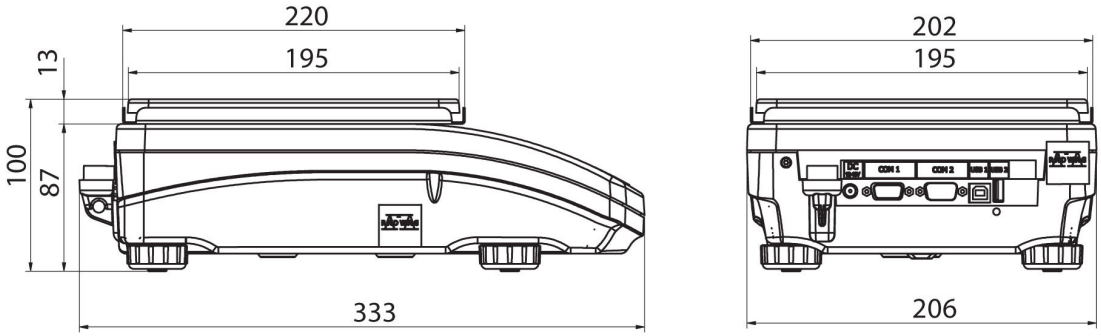
Device dimensions W x D x H



PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg