# PS 200/2000.R2 Precision Balance

WL-212-1003

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

| | |
|---|---|
| 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 |
| Standard repeatability [5% Max] | 0,5 / 5 mg |

| | |
|---|---|
| Standard repeatability [Max] | 1 / 10 mg |
| Standard minimum weight (USP) | 1 g |
| Standard minimum weight (U=1%, k=2) | 0,1 g |
| Linearity | ±2 / 20 mg |
| Stabilization time | 2 / 1,5 s |
| Adjustment | internal (automatic) |
| OIML Class | II |
| Sensitivity temperature drift | $2 \times 10^{-6}/°C \times Rt$ |
| **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 | 2×RS232[1], USB-A, USB-B, Wi-Fi (option) |
| Power supply | Adapter: 100 – 240V AC 50/60Hz 0.6A Max; 12V DC 1,2A<br>Balance: 12 – 15V DC 0,7A max; 3 – 5,5W* |
| Power consumption | 4 W |
| Operating temperature | +10 – +40 °C |
| Relative humidity | 40% – 80% |

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

CE M   Additional fee for verification   2 YEARS

# Accessories (Additional Fee)

!Balance Storage Case
Antivibration tables
Power Adapters
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
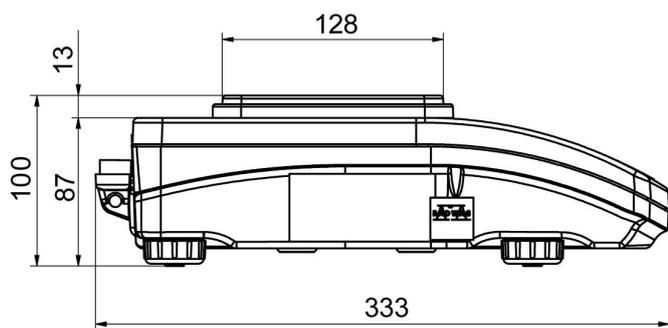Density determination KIT
Barcode scanners

Anti-draft Chamber for balances with a weighing pan 128×128mm
RS 232, RS 485 cables
Displays
Receipt Printer
Protective cover for balances
Under-pan weighing
RS 232 cables (scale - printer)
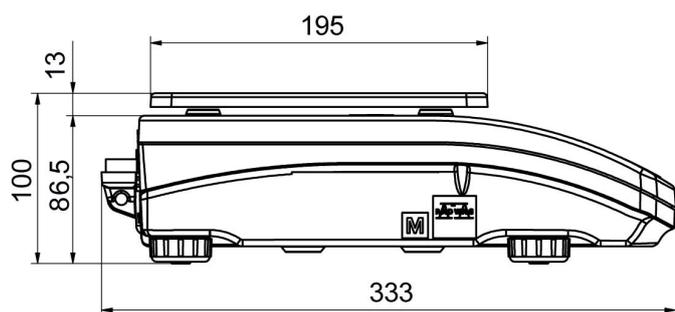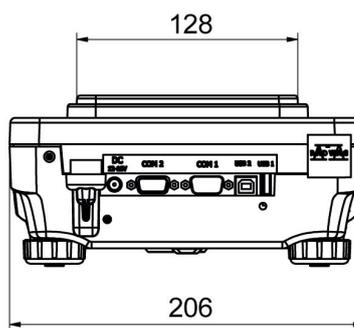
# Software (Additional Fee)

• RAD Key [WX-010-0005]
• Alibi Reader PC Software [WX-010-0114]

• R Panel [WX-010-0187]
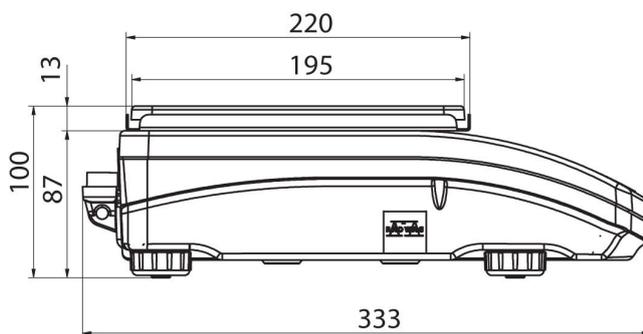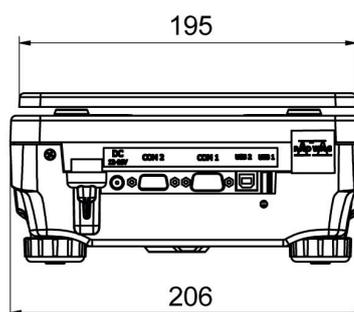• RADWAG Development Studio [WX-010-0104]

# Device dimensions W x D x H



PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg