



More information on the website
radwag.com/en/info,w1,TY1

AS 110.R2 PLUS Analytical Balance



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] | 110 g |
| Minimum load | 10 mg |
| Readability [d] | 0.1 mg |
| Verification unit [e] | 1 mg |
| Tare range | -110 g |
| Standard repeatability [5% Max] | 0.06 mg |

| Metrological parameters | |
|-------------------------------------|--|
| Standard repeatability [Max] | 0.08 mg |
| Standard minimum weight (USP) | 120 mg |
| Standard minimum weight (U=1%, k=2) | 12 mg |
| Permissible repeatability [5% Max] | 0.09 mg |
| Permissible repeatability [Max] | 0.1 mg |
| Linearity | ±0.2 mg |
| Stabilization time | 2 s |
| Adjustment | internal (automatic) |
| OIML Class | I |
| Physical parameters | |
| Leveling system | manual |
| Display | LCD (backlit) |
| Weighing chamber doors | manual |
| Delivery components | Balance, weighing pan, weighing pan shield, centring ring, bottom cover, power supply. |
| Weighing pan dimensions | ø100 mm |
| Packaging dimensions | 490×400×520 mm |
| Net weight | 7.3 kg |
| Gross weight | 9 kg |
| Construction | |
| Protection class | IP 43 |
| Communication interface | |
| Communication interface | 2×RS232 ¹ , 2×USB-A (interchangeable), 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 max. | 3 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.



Extra payment for verification



Accessories

Antivibration Tables
Power Adapters
Cigarette lighter receptacle power supply cables

Displays
Protective cover for balances
Weighing dishes

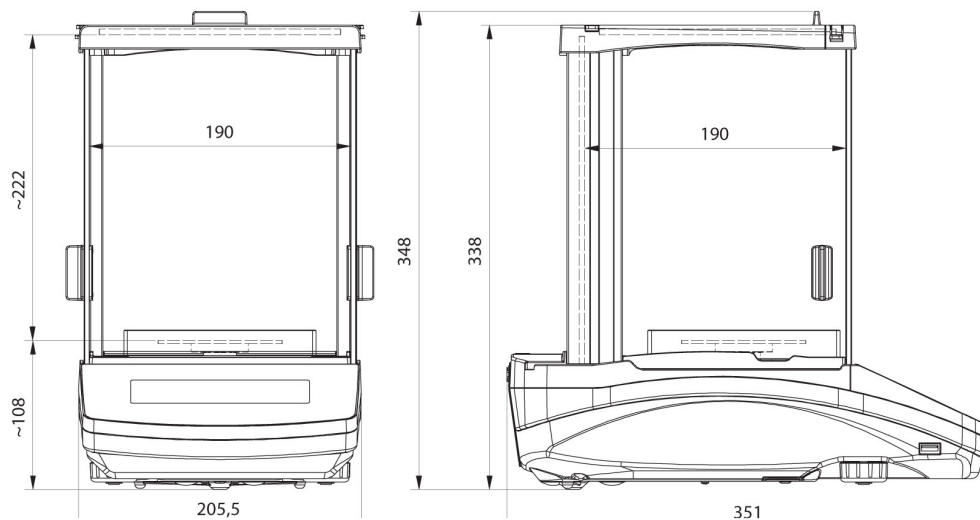
Density determination KIT
USB cable (scale - printer)
Professional Weighing Tables
Barcode scanners
Workstation for Pipettes Calibration
RS 232, RS 485 cables

Antistatic ionizer
Receipt Printer
RS 232, RS 485 cables
Under-pan weighing
RS 232 cables (scale - printer)

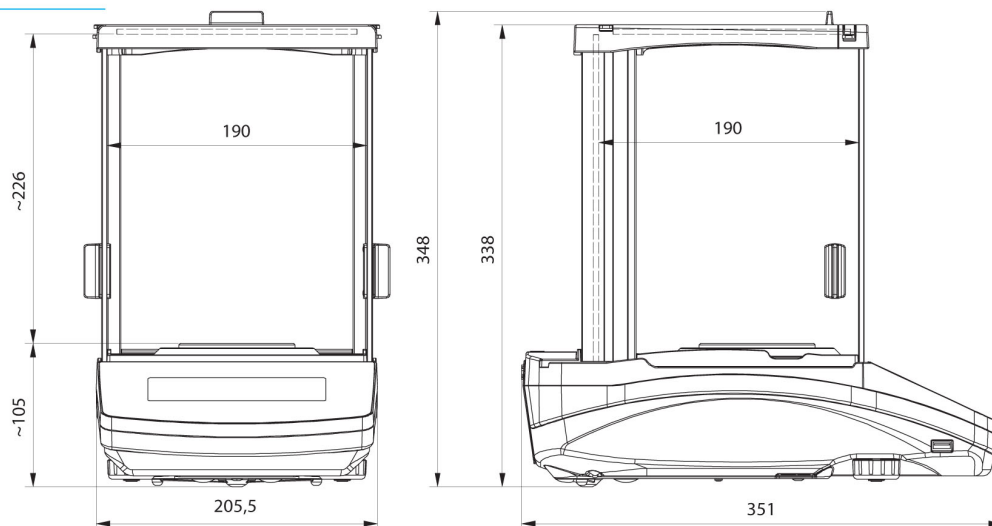
Software

- 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



AS R2, d = 0.01 mg



AS R2, AS R1 d = 0.1 mg