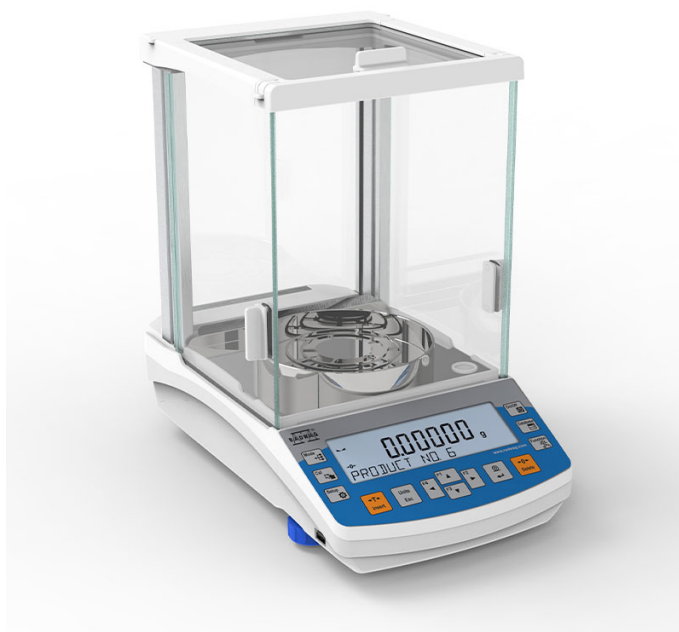




More information on the website
radwag.com/en/info,w1,RQW

AS 82/220.R2 PLUS Analytical Balance

WL-104-1051



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] | 82 / 220 g |
| Minimum load | 1 mg |
| Readability [d] | 0.01 / 0.1 mg |
| Verification unit [e] | 1 mg |
| Tare range | -220 g |
| Standard repeatability [5% Max] | 0.012 mg |

| Metrological parameters | |
|-------------------------------------|---|
| Standard repeatability [Max] | 0.08 mg |
| Standard minimum weight (USP) | 24 mg |
| Standard minimum weight (U=1%, k=2) | 2.4 mg |
| Permissible repeatability [5% Max] | 0.02 mg |
| Permissible repeatability [Max] | 0.1 mg |
| Linearity | ±0.05 / 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, fabric dust cover. |
| Weighing pan dimensions | ø90 open-work pan + ø85 (option) mm |
| Packaging dimensions | 545×455×575 mm |
| Net weight | 7.3 kg |
| Gross weight | 10.5 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.



Additional fee for verification



Accessories (Additional Fee)

Antivibration Tables
Holders for laboratory flasks
Power Adapters

RS 232, RS 485 cables
Displays
Protective cover for balances

Cigarette lighter receptacle power supply cables
 Density determination KIT
 USB cable (scale - printer)
 Professional Weighing Tables
 Barcode scanners
 Holders for test tubes and filters
 Workstation for Pipettes Calibration

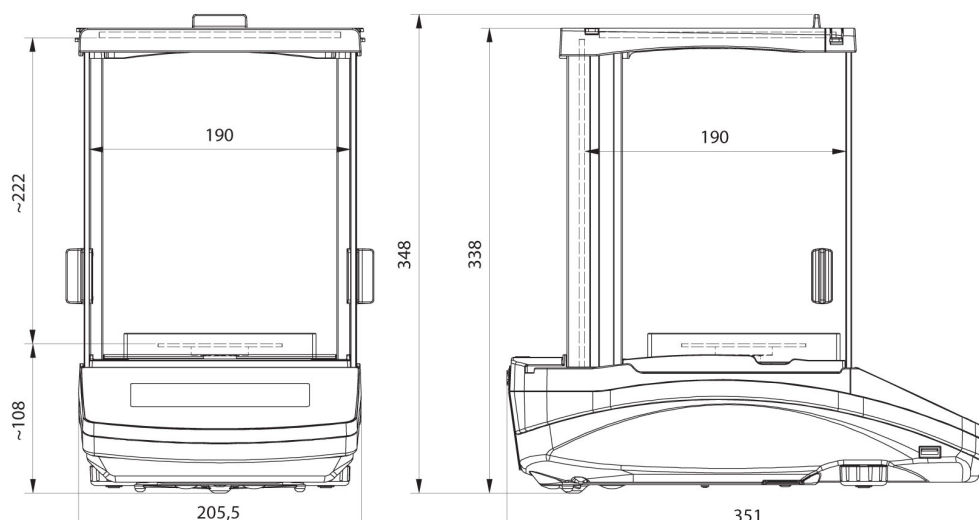
Weighing dishes
 Antistatic ionizer
 Receipt Printer
 RS 232, RS 485 cables
 Under-pan weighing
 RS 232 cables (scale - printer)

Software (Additional Fee)

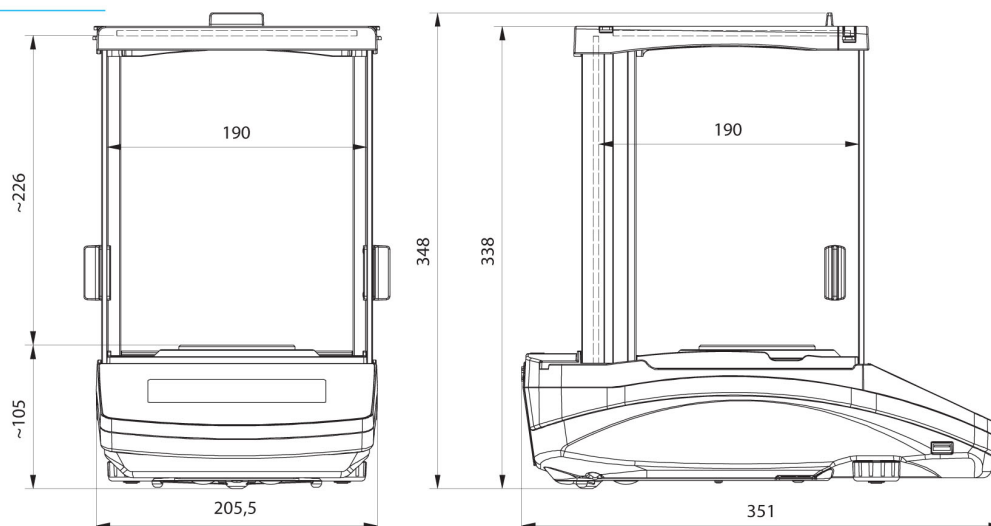
- RAD Key [WX-010-0005]
- Alibi Reader [WX-010-0114]
- RADWAG Development Studio [WX-010-0104]

- R-Panel [WX-010-0187]
- R-Lab [WX-010-0080]

Device dimensions



AS R2, d = 0.01 mg



AS R2, AS R1 d = 0.1 mg