
















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

AS 220.R1 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] | 220 g |
| Minimum load | 10 mg |
| Readability [d] | 0,1 mg |
| Tare range | -220 g |
| Standard repeatability [5% Max] | 0,07 mg |
| Standard repeatability [Max] | 0,08 mg |

| Metrological parameters | |
|-------------------------------------|---|
| Standard minimum weight (USP) | 140 mg |
| Standard minimum weight (U=1%, k=2) | 14 mg |
| Permissible repeatability [5% Max] | 0,09 mg |
| Permissible repeatability [Max] | 0,1 mg |
| Linearity | ±0,2 mg |
| Stabilization time | 2 s |
| Adjustment | external |
| OIML Class | - |
| Physical parameters | |
| Leveling system | manual |
| Display | LCD (backlit) |
| Protection class | IP 43 |
| Delivery components | Balance, weighing pan, weighing pan shield, bottom cover, power supply. |
| Weighing pan dimensions | ø100 mm |
| Packaging dimensions | 490×400×520 mm |
| Net weight | 7,3 kg |
| Gross weight | 9,3 kg |
| Communication interface | |
| Communication interface | 2×RS232, 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 |
| Environmental conditions | |
| Operating temperature | +10 ÷ +40 °C |

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.

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



Accessories

Holders for laboratory flasks
 Barcode scanners
 Cigarette lighter receptacle power supply cables
 Density determination KIT
 USB cable (scale - printer)
 Professional weighing table
 Holders for test tubes and filters
 Workstation for Pipettes Calibration
 Power Adapters
 Antivibration Tables

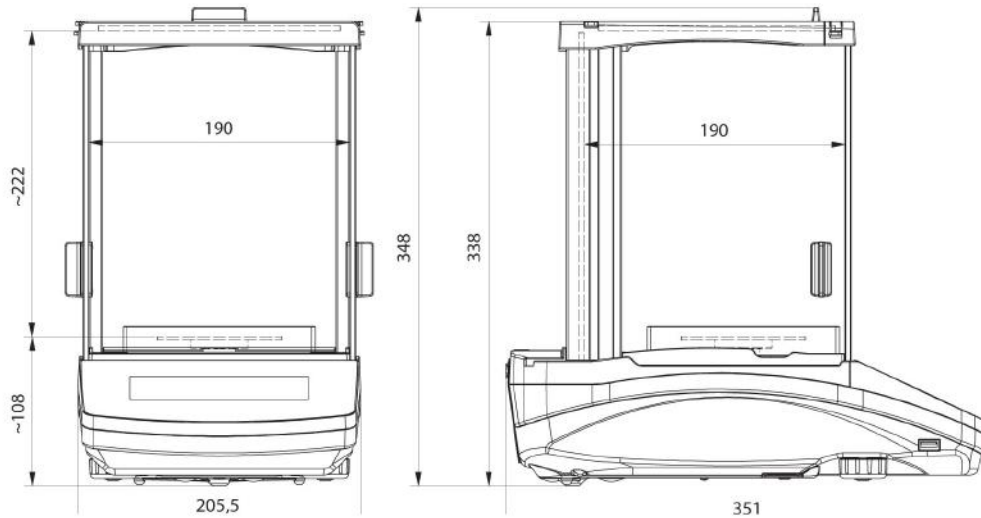
Displays
 Weighing dishes
 Antistatic ionizer
 Receipt Printer
 AP2-1 Current Loop Unit
 RPANEL BOX
 RS 232, RS 485 cables
 Under-Pan Weighing Rack
 RS 232 cables (scale - printer)
 Under-pan weighing

Software

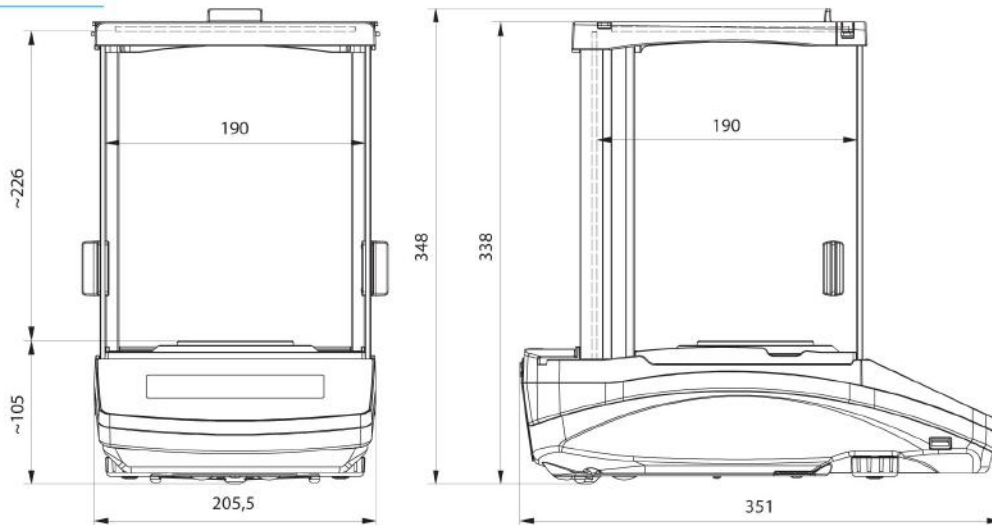
RAD-KEY
R Panel
R-LAB
E2R System

LabVIEW Driver
Alibi Reader
RADWAG Development Studio
R.Barcode

Device dimensions



AS R2, d = 0.01 mg



AS R2, AS R1 d = 0.1 mg