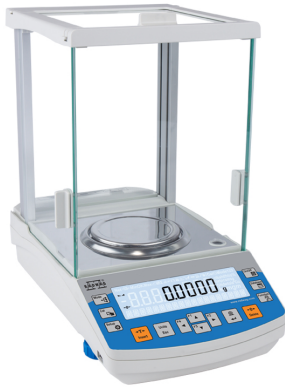




More information on the website
radwag.com/en/info,w1,W7Q

AS 120.R1 PLUS Analytical Balance



AS 120.R1 PLUS Analytical Balance

Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit
measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Density determination

Datasheet

| AS 120.R1 PLUS Analytical Balance | |
|-------------------------------------|--|
| Metrological parameters | |
| Maximum capacity [Max] | 120 g |
| Minimum load | 10 mg |
| Readability [d] | 0,1 mg |
| Tare range | -120 g |
| Standard repeatability [5% Max] | 0,06 mg |
| 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 | external |
| OIML Class | - |
| Physical parameters | |
| Leveling system | manual |
| Display | LCD (backlit) |
| Delivery components | Balance, weighing pan, weighing pan shield, centring ring, bottom cover, power supply, fabric dust cover . |
| Weighing pan dimensions | ø100 mm |
| Packaging dimensions | 495×400×515 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 or 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)
 Receipt Printer
 Professional weighing table
 Holders for test tubes and filters
 Workstation for Pipettes Calibration

Antivibration Tables
 Displays
 Antistatic ionizer
 AP2-1 Current Loop Unit
 RPANEL BOX
 RS 232, RS 485 cables
 Under-Pan Weighing Rack
 RS 232 cables (scale - printer)

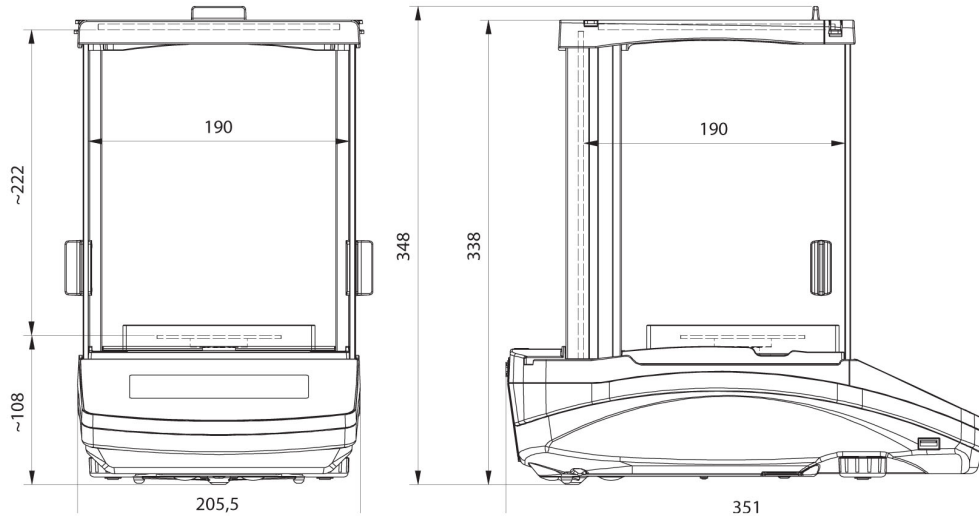
Software

RAD-KEY
R Panel
R-LAB
E2R System

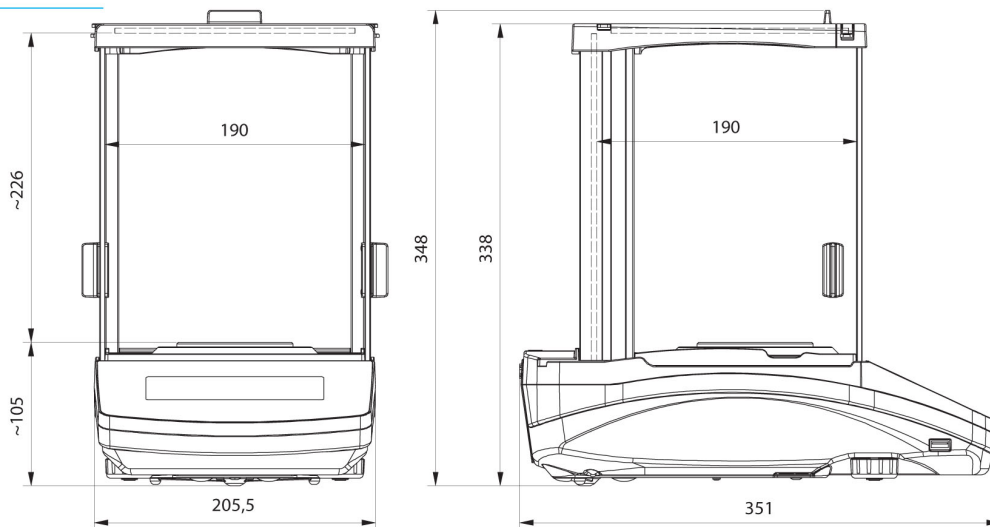
LabVIEW Driver
Alibi Reader
RADWAG Development Studio
R.Barcode

Device dimensions

AS 120.R1 PLUS Analytical Balance



AS R2, d = 0.01 mg



AS R2, AS R1 d = 0.1 mg