



AS 82/220.R2 PLUS Analytical Balance

WL-104-1051

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



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]	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

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	5,3" 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 W x D x H	545×455×575 mm
Net weight	7,3 kg
Gross weight	11 kg
Construction	
Protection class	IP 43
Communication interface	2×RS232 ¹ , 2×USB-A (interchangeable), USB-B, Wi-Fi (option)
Power supply	Adapter: 100 – 240V AC 50/60Hz 0.6A Max; 12V DC 1,2A Balance: 12 – 15V DC 0,7A max; 3 – 5,5W*
Power consumption max.	3 W
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
 Cigarette lighter receptacle power supply cables
 Density determination KIT
 USB cable (scale - printer)

!Balance Storage Case
 RS 232, RS 485 cables
 Displays
 Protective cover for balances
 Weighing dishes
 Antistatic ionizer

Professional Weighing Tables
Barcode scanners
Holders for test tubes and filters
Workstation for pipettes calibration

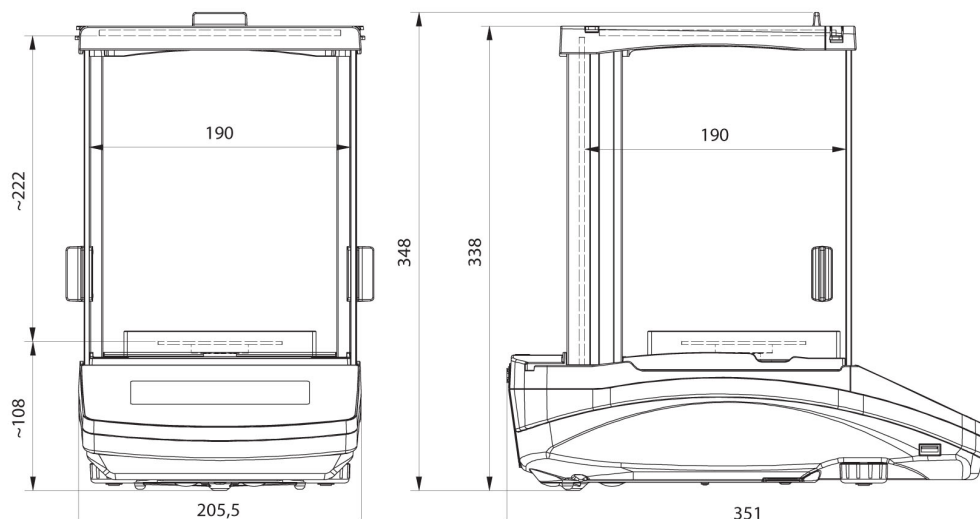
Receipt Printer
Under-pan weighing
RS 232 cables (scale - printer)

Software (Additional Fee)

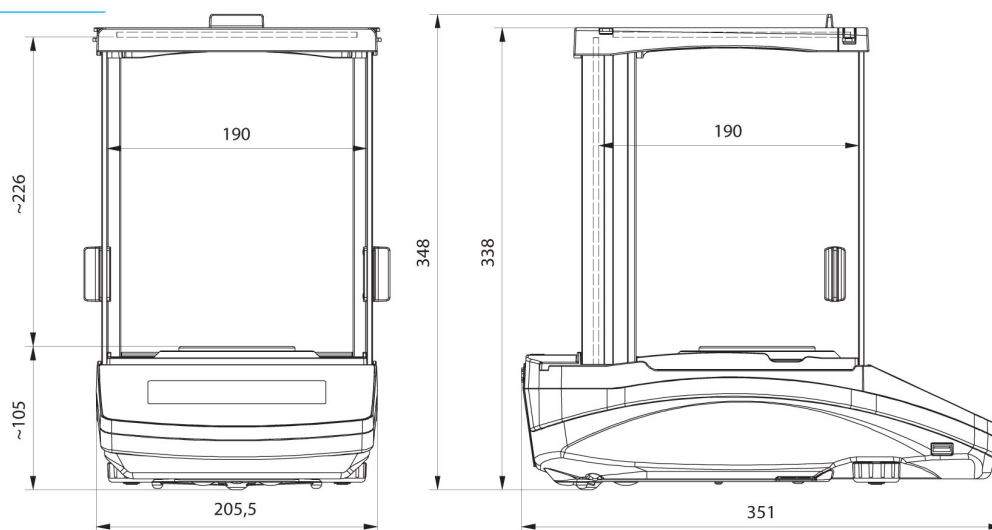
- RAD Key [WX-010-0005]
- Alibi Reader PC Software [WX-010-0114]

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

Device dimensions W x D x H



AS R2, d = 0.01 mg



AS R2, AS R1 d = 0.1 mg