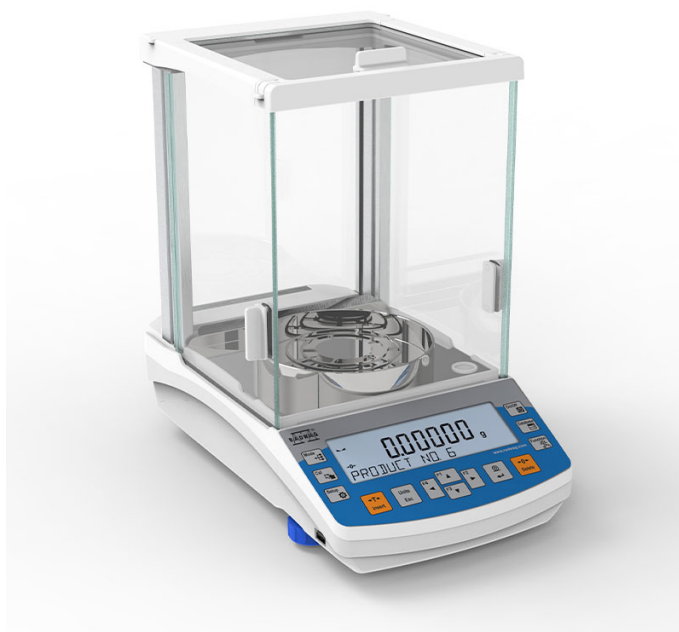




More information on the website  
radwag.com/en/info,w1,NQ5

# AS 60/220.R2 PLUS Analytical Balance

WL-104-1052



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]	60 / 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, osłona weighing pans, 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 kg
Gross weight	10.5 kg
Construction	
Protection class	IP 43
Communication interface	
Communication interface	2×RS232 <sup>1</sup> , 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.

<sup>1</sup> 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

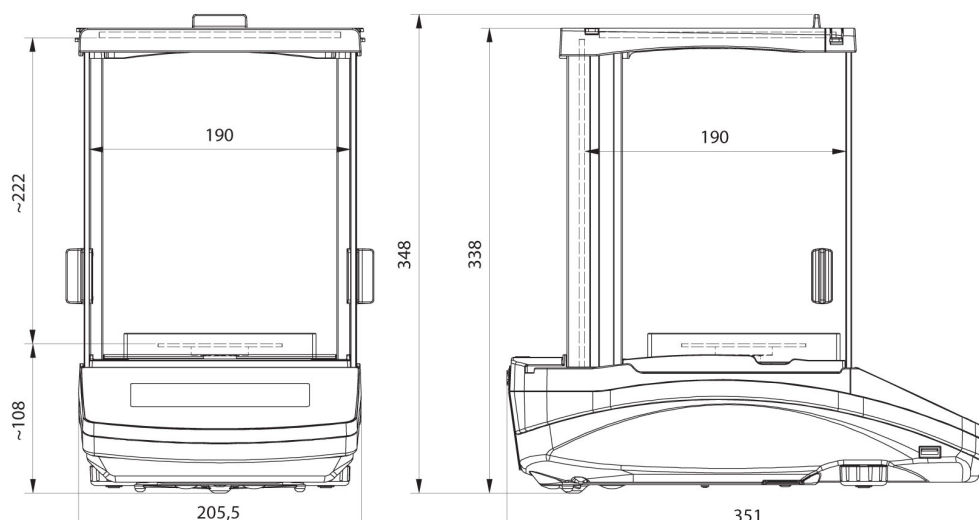
Weighing dishes  
 Antistatic ionizer  
 Receipt Printer  
 RS 232, RS 485 cables  
 Under-pan weighing  
 RS 232 cables (scale - printer)

## Software (Additional Fee)

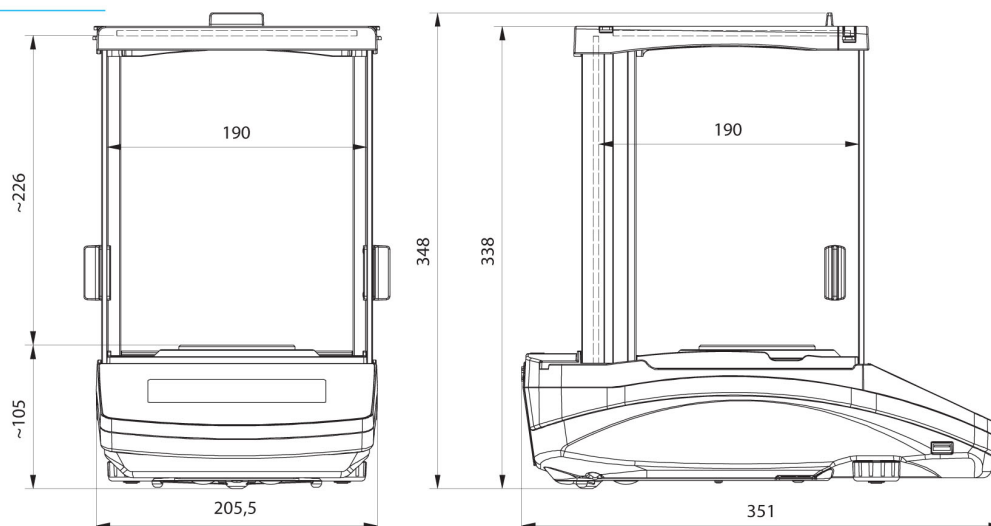
- RAD Key [WX-010-0005]
- Alibi Reader [WX-010-0114]
- RADWAG Development Studio [WX-010-0104]

- 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