



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

AS 60/220.R2 PLUS Analytical Balance, AS 82/220.R2 PLUS Analytical Balance



AS 60/220.R2 PLUS Analytical Balance
AS 82/220.R2 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

	AS 60/220.R2 PLUS Analytical Balance WL-104-1052	AS 82/220.R2 PLUS Analytical Balance WL-104-1051
Metrological parameters		
Maximum capacity [Max]	60 / 220 g	82 / 220 g
Minimum load	1 mg	1 mg
Readability [d]	0,01 / 0,1 mg	0,01 / 0,1 mg
Verification unit [e]	1 mg	1 mg
Tare range	-220 g	-220 g
Standard repeatability [5% Max]	0,012 mg	0,012 mg
Standard repeatability [Max]	0,08 mg	0,08 mg
Standard minimum weight (USP)	24 mg	24 mg
Standard minimum weight (U=1%, k=2)	2,4 mg	2,4 mg
Permissible repeatability [5% Max]	0,02 mg	0,02 mg
Permissible repeatability [Max]	0,1 mg	0,1 mg
Linearity	±0,05 / 0,2 mg	±0,05 / 0,2 mg
Stabilization time	2 s	2 s
Adjustment	internal (automatic)	internal (automatic)
OIML Class	I	I
Physical parameters		
Leveling system	manual	manual
Display	5,3" LCD (backlit)	5,3" LCD (backlit)
Weighing chamber doors	manual	manual
Delivery components	Balance, weighing pan, weighing pan shield, centring ring, bottom cover, power supply, fabric dust cover.	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	ø90 open-work pan + ø85 (option) mm
Packaging dimensions W x D x H	545×455×575 mm	545×455×575 mm
Net weight	7 kg	7,3 kg
Gross weight	10,5 kg	10,5 kg
Construction		
Protection class	IP 43	IP 43
Communication interface		
Communication interface	2×RS232 ¹ , 2×USB-A (interchangeable), USB-B, Wi-Fi (option)	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	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A max
Power consumption max.	3 W	3 W
Environmental conditions		
Operating temperature	+10 – +40 °C	+10 – +40 °C
Relative humidity	40% – 80%	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)
Professional Weighing Tables
Barcode scanners
Holders for test tubes and filters
Workstation for Pipettes Calibration

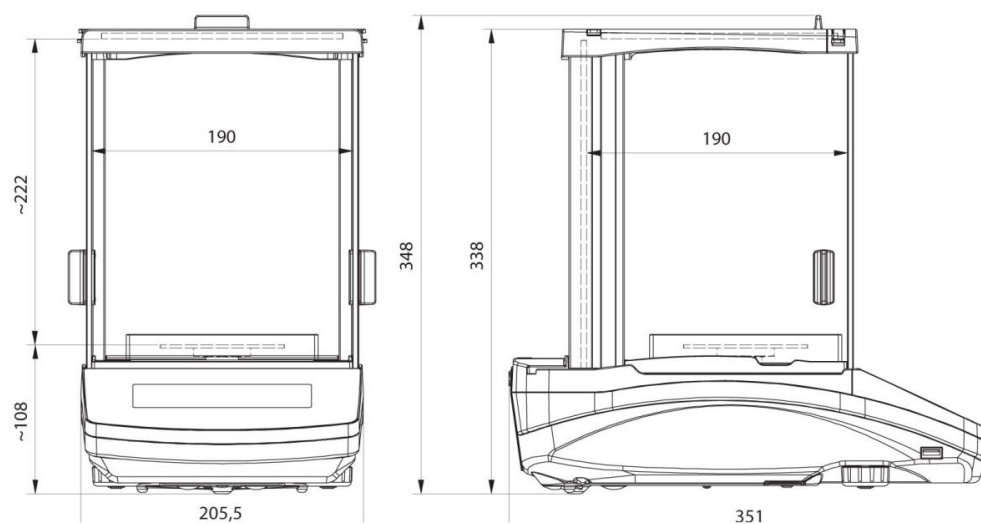
RS 232, RS 485 cables
Displays
Protective cover for balances
Weighing dishes
Antistatic ionizer
Receipt Printer
RS 232, RS 485 cables
Under-pan weighing
RS 232 cables (scale - printer)

Software (Additional Fee)

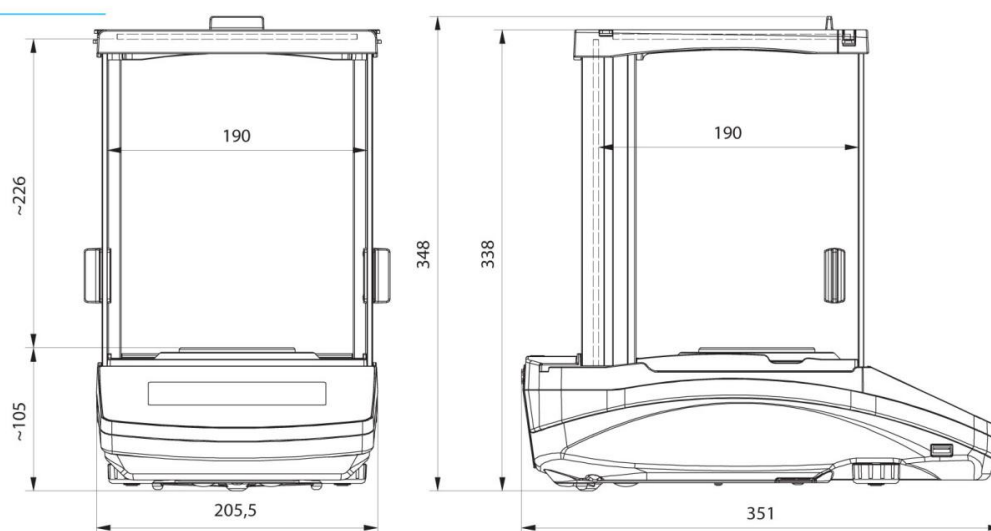
RAD-KEY
Alibi Reader
RADWAG Development Studio

R Panel
R-LAB

Device dimensions W x D x H



AS R2, d = 0.01 mg



AS R2, AS R1 d = 0.1 mg