



AS 520.R2 PLUS Analytical Balance

WL-104-0186

More information on the website
mirror.radwag.com/us/info,w1,N7Z



The drawings, photos and graphics used are for illustrative purposes only.

Functions

 Autotest	 Dosing	 % Percent Weighing	 Σ Totalizing
 Parts counting	 MAX Peak hold	 N Newton unit measurement	 Statistics
 Checkweighing	 Under-pan weighing	 GLP GLP Procedures	 Animal weighing
 D Density determination			

Datasheet

Maximum capacity [Max]	520 g
Minimum load	-
Readability [d]	0,1 mg
Verification unit [e]	-
Tare range	-520 g
Standard repeatability [5% Max]	0,08 mg

Standard repeatability [Max]	0,25 mg
Standard minimum weight (USP)	160 mg
Standard minimum weight (U=1%, k=2)	16 mg
Permissible repeatability [5% Max]	0,12 mg
Permissible repeatability [Max]	0,4 mg
Linearity	±0,6 mg
Stabilization time	2,5 s
Adjustment	internal (automatic)
OIML Class	-
Physical parameters	
Leveling system	manual
Display	5,3" LCD (backlit)
Weighing chamber doors	manual
Delivery components	Balance, weighing pan, weighing pan shield, bottom cover, power supply.
Weighing pan dimensions	Ø100 mm
Packaging dimensions W x D x H	490x400x520 mm
Net weight	7,3 kg
Gross weight	8,5 kg
Construction	
Protection class	IP 43
Communication interface	2xRS232, 2xUSB-A (interchangeable), USB-B, Wi-Fi (option)
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
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.



Accessories (Additional Fee)

Antivibration tables	Workstation for pipettes calibration
Holders for laboratory flasks	RS 232, RS 485 cables
Power Adapters	Displays
Cigarette lighter receptacle power supply cables	Protective cover for balances
Density determination KIT	Weighing dishes
USB cable (scale - printer)	Antistatic ionizer

Professional Weighing Tables
Barcode scanners
Holders for test tubes and filters

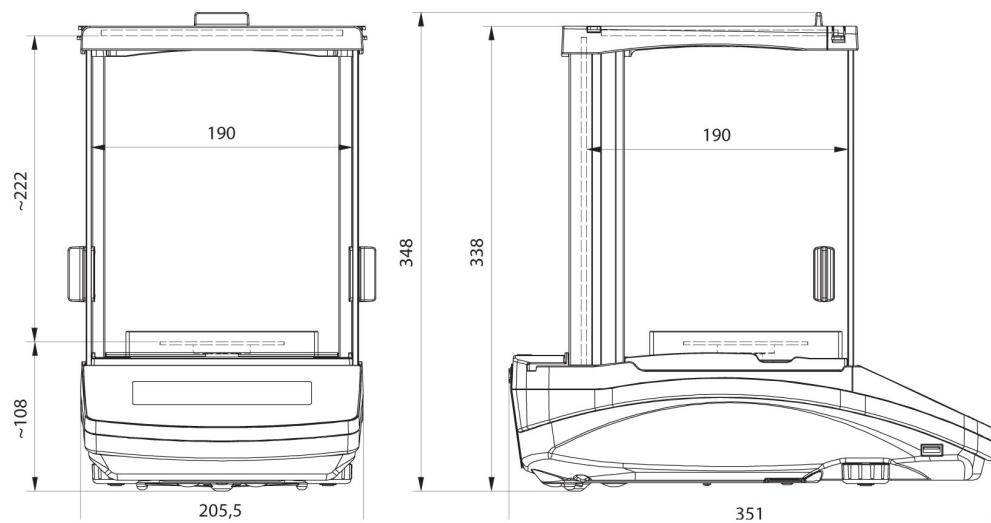
Receipt Printer
Under-pan weighing
RS 232 cables (scale - printer)

Software (Additional Fee)

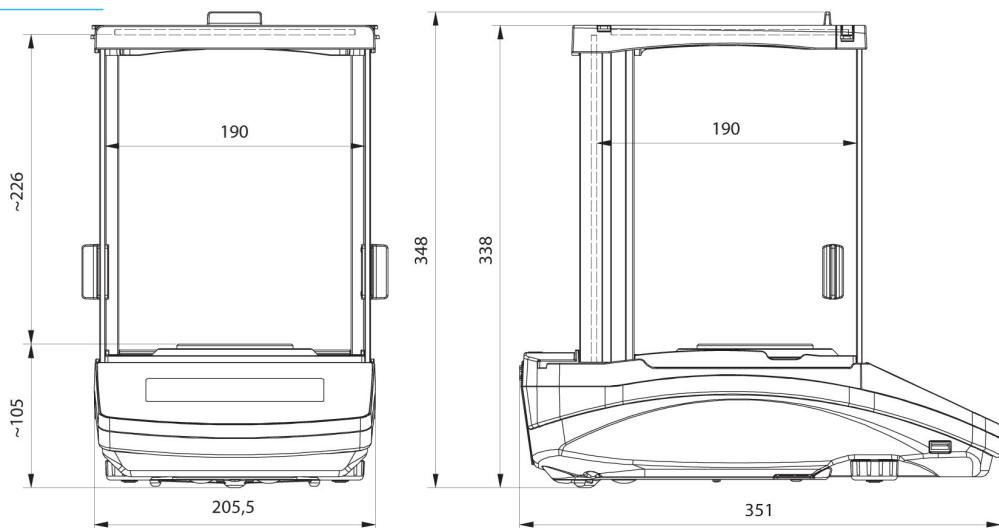
- RAD Key [WX-010-0005]
- Alibi Reader PC Software [WX-010-0114]

- 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