



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

AS 520.R2 PLUS Analytical Balance

WL-104-0186



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]	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	490×400×520 mm
Net weight	7,3 kg
Gross weight	8,5 kg
Construction	
Protection class	IP 43
Communication interface	2×RS232 ¹ , 2×USB-A (interchangeable), USB-B, Wi-Fi (option)
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
Holders for laboratory flasks
Power Adapters
Cigarette lighter receptacle power supply cables
Density determination KIT
USB cable (scale - printer)
Professional Weighing Tables
Barcode scanners

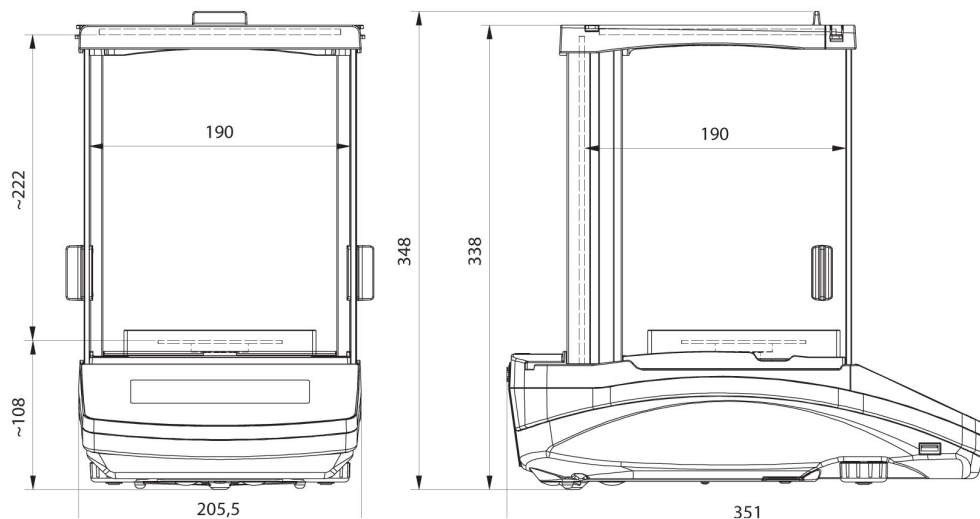
!Balance Storage Case
RS 232, RS 485 cables
Displays
Protective cover for balances
Weighing dishes
Antistatic ionizer
Receipt Printer
Under-pan weighing

Software (Additional Fee)

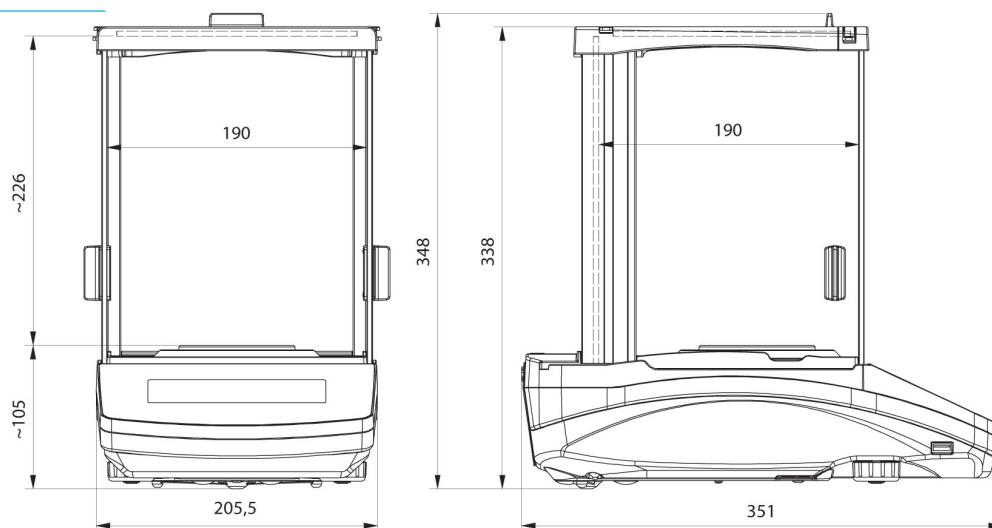
- RAD Key [WX-010-0005]
- Alibi Reader PC Software [WX-010-0114]

- 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