AS 120.R1 PLUS Analytical Balance

WL-104-0230

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]	120 g
Minimum load	10 mg
Readability [d]	0,1 mg
Tare range	-120 g
Standard repeatability [5% Max]	0,06 mg
Standard repeatability [Max]	0,08 mg

Standard minimum weight (USP)	120 mg
Standard minimum weight (U=1%, k=2)	12 mg
Permissible repeatability [5% Max]	0,09 mg
Permissible repeatability [Max]	0,1 mg
Linearity	±0,2 mg
Stabilization time	2 s
Adjustment	external
OIML Class	-

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.
Weighing pan dimensions	ø100 mm
Packaging dimensions W x D x H	490×400×520 mm
Net weight	7,3 kg
Gross weight	9,3 kg

Construction	
Protection class	IP 43
Communication interface	2×RS232, 2×USB-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
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.

* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.

Accessories (Additional Fee)

Antivibration tables
Power Adapters
Cigarette lighter receptacle power supply cables
Density determination KIT
USB cable (scale - printer)
Professional Weighing Tables
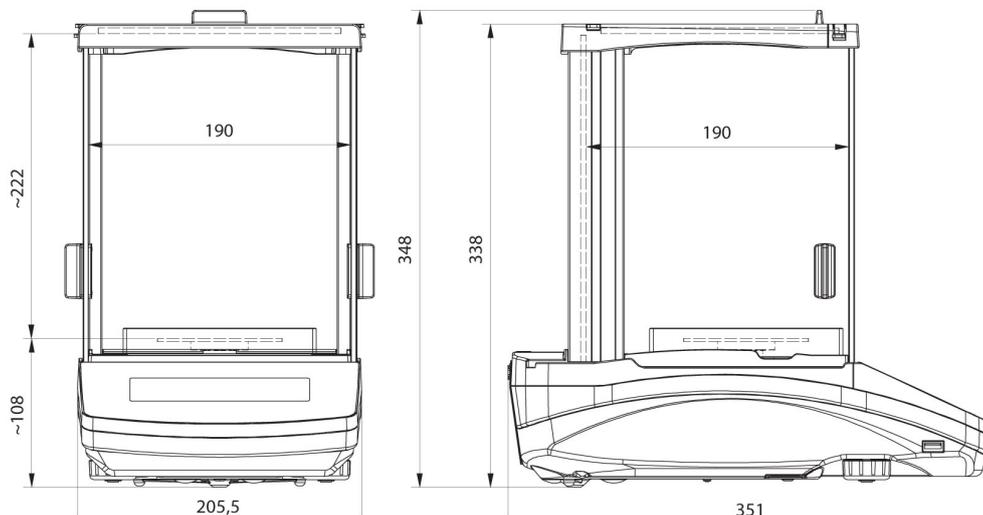Barcode scanners
Workstation for pipettes calibration

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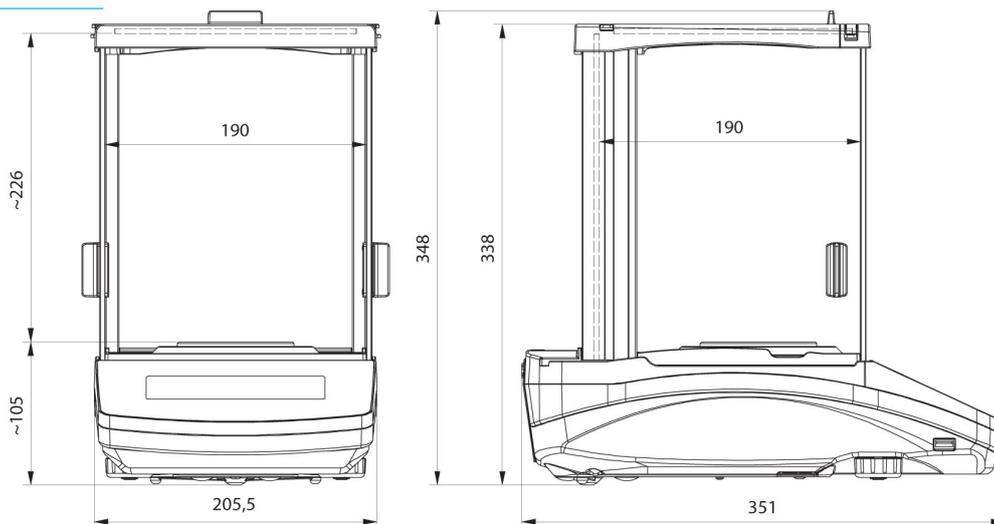RS 232 cables (scale - printer)

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