AS 82/220.R2 PLUS Analytical Balance

WL-104-1051

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]	82 / 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

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	5,3" LCD (backlit)
Weighing chamber doors	manual
Delivery components	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
Packaging dimensions W x D x H	545×455×575 mm
Net weight	7,3 kg
Gross weight	11 kg

Construction	
Protection class	IP 43
Communication interface	2×RS232[1], 2×USB-A (interchangeable), USB-B, Wi-Fi (option)
Power supply	Adapter: 100 – 240V AC 50/60Hz 0.6A Max; 12V DC 1,2A Balance: 12 – 15V DC 0,7A max; 3 – 5,5W*
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.

C E M   Additional fee for verification 2 YEARS

Accessories (Additional Fee)

Antivibration tables	!Balance Storage Case
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
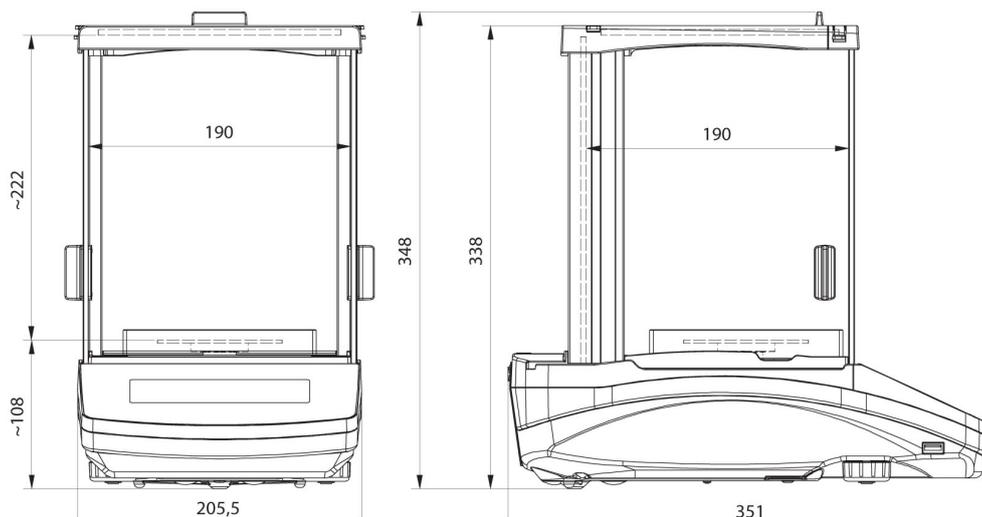Workstation for pipettes calibration

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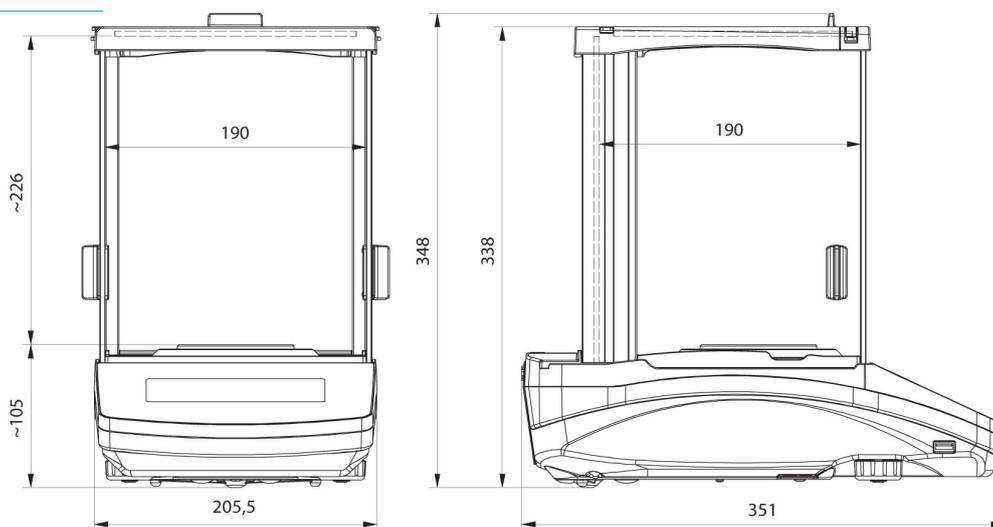
Software (Additional Fee)

• 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