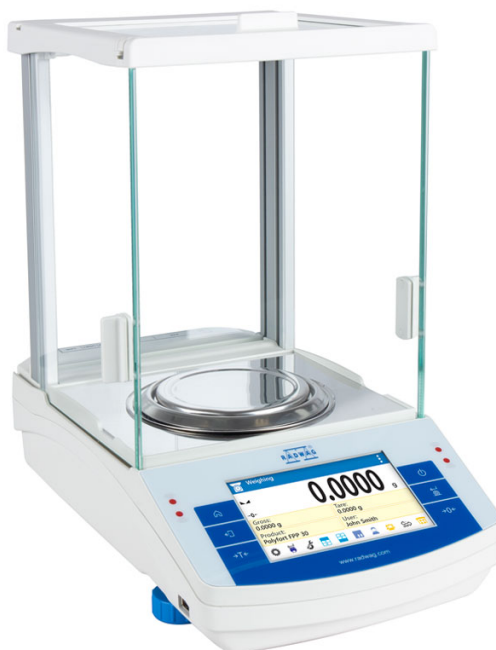




More information on the website
radwag.com/en/info,w1,TS2

AS 220.X2 PLUS Analytical Balance



Functions

 Autotest	 Dosing	 Percent Weighing	 Parts counting
 Peak hold	 Formulation	 Newton unit measurement	 Statistics
 Checkweighing	 IR sensors	 GLP Procedures	 Animal weighing
 Density determination	 Ambient conditions monitoring	 Replaceable unit	 Statistical Quality Control
 ALIBI Memory	 Mass for titrator	 Wi-Fi	

Datasheet

Metrological parameters	
Maximum capacity [Max]	220 g
Minimum load	10 mg
Readability [d]	0,1 mg
Tare range	-220 g

Metrological parameters	
Verification scale interval [e]	1 mg
Standard repeatability [5% Max]	0,06 mg
Standard repeatability [Max]	0,07 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	internal (automatic)
OIML Class	I
Physical parameters	
Levelling system	manual
Display	5" graphic colour touchscreen
Delivery components	Balance, weighing pan, weighing pan shield, bottom cover, power supply.
Weighing chamber dimensions	190×190×222 mm
Weighing pan dimensions	ø100 mm
Packaging dimensions	495×400×515 mm
Net weight	7,3 kg
Gross weight	9,3 kg
Protection class	IP 43
Features of use	
Database capacity	7
Touch-free operation	2 IR Sensors
Communication interface	
Communication interface	RS232 ¹ , 2×USB-A (interchangeable), USB-B, Wi-Fi, Ethernet
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,8A max
Environmental conditions	
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

Granite Antivibration Tables

Workstation for Pipettes Calibration

Holders for laboratory flasks
 Barcode scanners
 Cigarette lighter receptacle power supply cables
 Density determination KIT
 Power Adapters
 USB cable (scale - printer)
 Professional weighing table
 Holders for test tubes and filters

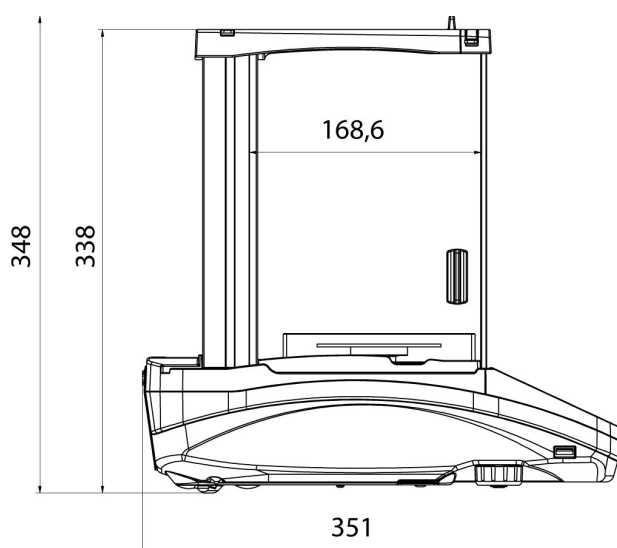
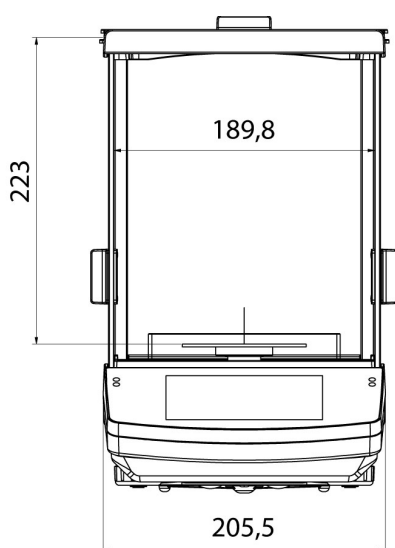
Receipt Printer
 Displays
 Protective cover for balances
 Antistatic ionizer
 RS 232, RS 485 cables
 Under-Pan Weighing Rack
 RS 232 cables (scale - EPSON printer)

Software

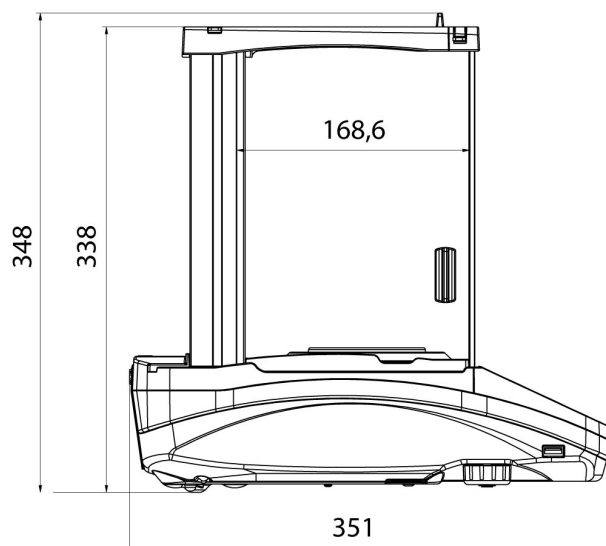
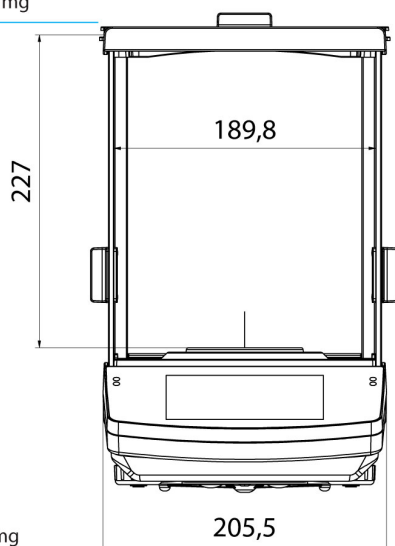
RAD-KEY
 Alibi Reader
 RADWAG Development Studio
 R.Barcode

LabVIEW Driver
 R-LAB
 E2R System

Device dimensions



AS X2 PLUS, d = 0.01 mg



AS X2 PLUS, d = 0.1 mg