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AS 220.RX Analytical Balance

WL-114-0006

More information on the website
mirror.radwag.com/en/info,w1,P8Y



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

Metrological parameters	
Maximum capacity [Max]	220 g
Minimum load	10 mg
Readability [d]	0.1 mg
Tare range	-220 g
Minimum weight (USP)	140 mg
Minimum weight (U=1%, k=2)	14 mg

Metrological parameters	
Standard repeatability [Max]	0.08 mg
Standard repeatability [5% Max]	0.07 mg
Permissible repeatability [Max]	0.1 mg
Permissible repeatability [5% Max]	0.09 mg
Linearity	±0.2 mg
Stabilization time	2 s
Adjustment	internal (automatic)
Physical parameters	
Leveling system	manual
Display	5" colour touchscreen
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 kg
Gross weight	9 kg
Construction	
Protection class	IP 43
Communication interface	
Communication interface	2×RS232[1], 2×USB-A (interchangeable), USB-B, Wi-Fi (option)
Electrical parameters	
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
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.
***** Power consumption depends on the terminal configuration as well as the number and type of external devices connected.
[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)
Balance Storage Case
RS 232, RS 485 cables
Displays
Protective cover for balances
Weighing dishes
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 [WX-010-0114]
- RADWAG Development Studio [WX-010-0104]
- R-Panel [WX-010-0187]
- R-Lab [WX-010-0080]