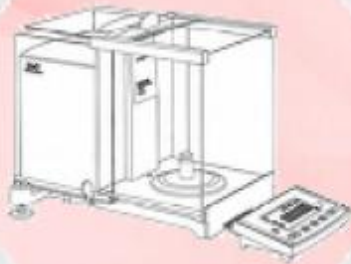




OUR
PRODUCT



Exzellenz Series
Weighing Balances

Analytical Balance / Semi-micro Balance (XS-E)



XS-J

Product overview >

Alpinum Prazision Analytical Balance adopts the internationally recognized highly sensitive and stable rear type electromagnetic force sensor. Its special features lie in large operating space, fashionable appearance, exquisite craftsmanship, excellent texture and most competitive price, which makes it rank first among similar products. Its stable performance can meet the precision weighing requirements of a wide range of laboratories.

XS-J series balances are designed to reach up to 0.1mg readability, with weighing range from 120g to 220g.

The balances are widely used in scientific research, education, medical, metallurgy, agriculture and other industries.

Optional functions and accessories >

- Optional portable microprinter



Weighing mode



Parts counting mode



Percent weighing mode



ES series ▶

- Adopt unique electromagnetic sensor;
- Transparent glass windshield, sample seen clearly;
- Various weighing modes: weighing mode, percent weighing mode, parts counting mode, etc;
- Large LCD display panel, bright and clear, provides user with easy operation and read.
- Various weighing unit conversion functions: grams, carats, ounces and other units of free switching, suitable for various requirements of the weighing work;
- RS232 interface for bidirectional communication between balances and computers, printers, PLCs and other external devices;
- Automatic calibration system, to ensure accurate weighing: when the temperature variation exceeds 1.5 °C or calibration time exceeds 2 hours, the balance will start the calibration function. Avoid the potential factors of not carrying out regular calibration or inaccurate external calibration weights, make the weighing results more accurate and reliable, and reduce unnecessary operations (only for internal calibration type balance).



Computer



PLC



Printer





- High precision, high resolution electromagnetic sensor;
- Impact resistance, high strength excellent performance;
- Can calibrate errors caused by environmental and temperature changes;
- Ensure the accuracy of weighing.

- Suitable for the research in science, education, etc ;
- Provide complete solution for laboratory research and industrial production;
- Download complete solution from <http://www.tjdat.com>.

- Using high sensitivity temperature sensor;
- Automatic calibration when the temperature variation exceeds 1.5 °C;
- Automatic calibration when last calibration time exceeds 2 hours;
- The user's weighing result is more accurate and reliable, reduces the unnecessary operation.



Automatic calibration when the temperature variation exceeds 1.5 °C;



Automatic calibration when last calibration time exceeds 2 hours;

XS-J series product parameters (0.1 mg readability Analytical Balance) ▶

Model	XS-J120	XS-J220	XS-J120A	XS-J220A
Max.Capability	120g	220g	120g	220g
Readability (d)	0.1mg	0.1mg	0.1mg	0.1mg
Repeatability (s)	±0.2mg			
Linearity Error (s)	±0.2mg			
Net Weight	3.5kg			
Calibration mode	External weight calibration		Full automatic Internal calibration	
Stabilization Time	2.5s			
Warm-up Time	30-60min			
Weighing Pan (Stainless Steel)	Φ90mm			
Permissible Ambient Condition	+10°C to + 30°C			
Humidity of Air	20-85% Relative (Not condensing)			
Power Supply Input Voltage	AC220-240V, 60Hz			
Interface	RS232 interface			

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