

SK-SY12

PRECISION BALANCE



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FEATURES AND HIGHLIGHTS

Design: Suitable for industries such as pharmacies, pharmaceutical factories, hospitals, health clinics, research institutes, and disease control centers. A 0.1mg (one-hundredth of a gram) electronic balance, used for weighing samples with high accuracy requirements.

Working principle: When the object is placed on the weighing pan, the position detector signal of the sensor changes, and the current in the sensor coil is amplified through the amplifier feedback to produce a feedback force that is balanced with the loaded weight in a constant magnetic field. At the same time, the voltage value of the current in the measuring resistor R_m is sent to the microprocessor for data processing through the filter and the analog-to-digital converter. Finally, the mass value of the weighed object is automatically displayed on the display screen.

Security System: Fully automatic fault detection and overload protection are included.

Technical parameters

▪ Weighing Range	0-500g
▪ Resolution	0.01g
▪ Repeatability	$\pm 0.02g$
▪ Liner	$\pm 0.02g$
▪ Pan Size	12.8cm×15.7cm
▪ Dimension	22.5cm×22cm×8cm
▪ Weight	N.weight: 1.2kg G.weight:1.5kg
▪ Power Supply	110V/220-240V AC



Material

ABS high-strength plastic material has a beautiful appearance and is durable.



Control Panel

Panel design is simple and beautiful, with simple keys, full functions, convenient operation, high-contrast display screen, and easy-to-read readings.



Scale Pan

Large-sized 304 stainless steel weighing pan is corrosion-resistant, easy to clean, and convenient for weighing.



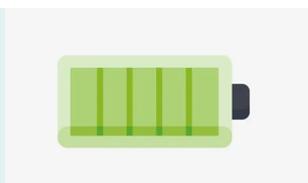
Adjustable Feet

The four-level shock resistance ensures stable measurement.



Battery

Built-in rechargeable battery has a long standby time.



Calibration Weight

Standard external weight calibration allows for one-button fully automatic calibration.





CONSTANT INNOVATION



Design



Research



Manufacturing



Maintenance



Service



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Company video



General catalogue