



SK-SY11

DIGITAL ANALYTICAL BALANCE SCALE



SAIKANG Medical

Healthier
your life

SK-SY11

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 ten-thousandth of a gram) electronic balance, used for weighing samples with high accuracy requirements.

Working principle: When the substance is placed on the weighing pan, the position detector of the sensor detects a change in signal, and the amplifier feedback increases the current in the sensor coil. This current produces a feedback force in a constant magnetic field that balances the loaded weight. At the same time, the voltage value of this current on the measuring resistor R_m is sent to the microprocessor through a filter and an analog-to-digital converter for data processing. Finally, the weight value of the substance being weighed is automatically displayed on the screen.

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

Technical parameters

▪ Weighing Range	0-200g
▪ Resolution	0.1mg
▪ Repeatability	$\pm 0.2\text{mg}$
▪ Liner	$\pm 0.2\text{mg}$
▪ Pan Size	$\Phi 80\text{mm}$
▪ Output Interface	RS232C
▪ Dimension	34cm×21.5cm×35cm
▪ N.weight	5.5kg
▪ G.weight	7.5kg
▪ Power Supply	AC 110-240V



Material

Brand new ABS engineering plastic shell, resistant to interference and corrosion.



Windshield

Anti-static coated glass windshield on four sides can effectively shield the interference of external static charges, with clear vision and more stable measurement.



Storm door

Top ABS windproof sliding door design makes measurement more convenient.



Scale Pan

304 stainless steel weighing pan is safe, corrosion-resistant, tough, has a long service life, and does not deform.



Base Material

Brand new ABS engineering plastic base with adjustable feet is stable, durable, and ensures precise measurement.



Control Panel

High-definition large LCD display screen is easy to read. The keys have powerful functions and tactile feedback. The addition of a horizontal bubble facilitates the adjustment of the level.



Calibration Weight

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



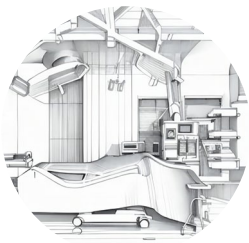
RS-232 Interface

Built-in RS-232 interface can be connected to a computer, printer, and other devices, making it convenient for data recording and processing.





CONSTANT INNOVATION



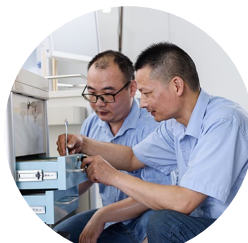
Design



Research



Manufacturing



Maintenance



Service



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Company video



General catalogue