



SK-EM401

12 INCH PATIENT MONITOR



SK-EM401

FEATURES AND HIGHLIGHTS

Internal structure: It uses an aluminum-magnesium alloy stand, which is stable, reliable, has good shock resistance, and is easy to move.

Monitoring functions: Offers 6 comprehensive monitoring functions, covering various aspects: ECG (Electrocardiogram), heart rate (HR), respiration rate (RESP), blood oxygen level (SpO2), pulse rate (PR), non-invasive blood pressure (NIBP), and body temperature (TEMP).

Technical parameters

Product weight	NW: 2.72kg
Product size	262×336×84mm
Package size	380×350×300mm
Operating temperature	0-40 °C
Working humidity	≤ 85
ECG (Lead configuration)	6-pin, 5-lead ECG lead wires
ECG (Gain settings)	'0.25, '0.5, '1, '2, '4, automatic
ECG (Heart rate range Adults)	1.0 bpm to 300 bpm
ECG (Newborns/children)	15 bpm to 350 bpm
ECG (Electrode polarization voltage range)	±300mV
Respiration (Measurement method)	RA-LL (R-F) Impedance Method
Respiration (Respiration rate range: Adults)	(0 to 120) BrPM
Respiration (Children and newborns)	(7-120) BrPM
Respiration (Apnea alarm)	(10-40) seconds
Measurement range of blood oxygen saturation	0~100%, resolution: 1%, accuracy: 70%~100%: ±2, 0% to 69%: undefined
Measurement range of pulse rate	30 bpm to 300 bpm, with a resolution of 1 bpm and an accuracy of ±3 bpm
Non-invasive blood pressure (Operating modes)	manual/automatic/continuous
Measurement interval for automatic mode	1-480 minutes
Non-invasive blood pressure (Pulse Rate Range)	(30 - 300) bpm
Non-invasive blood pressure (Measurement range)	Systolic Pressure: (40 to 270) mmHg; Diastolic Pressure: (10 to 215) mmHg; Mean Pressure: (20 to 235) mmHg
Non-invasive blood pressure (Static pressure range)	(0-300) mmHg
Non-invasive blood pressure (SStatic Pressure Accuracy)	±3 mmHg
Body Temperature Measurement Range	(0 to 50)°C, Accuracy 0.1°C

Power supply

Power supply voltage	AC 100~240 V
Power frequency	50/60Hz
Maximum input power	70VA
The fuse	F2AL 250V
Working mode	continuous working
Built-in lithium battery	DC 11.1V is not less than 2000mA, working time is not less than 2 hours.



Other Features

Fanless design for a quiet, energy-efficient, and clean operation, providing comprehensive monitoring for adults, children, and newborns. Alarm event review, drug concentration calculation, and titration table functions.

Built-in recorder for one-touch data printing.

Multiple-channel synchronized ECG algorithm, supporting ST and ARR analysis functions, as well as abnormal ECG analysis.

Analog SpO2 technology, resistant to motion interference, ambient light interference, and suitable for measurements during weak perfusion.

Non-invasive blood pressure measurement options: manual, continuous, or interval measurement, with storage capacity for up to 400 sets of blood pressure data.

Design

Integrated design, streamlined functionality, stable performance, strong anti-interference capability, and long-lasting durability.

**Shell material**

Made from new ABS engineering plastic mold injection molding, which is more corrosion-resistant.

**Screen design**

12.1-inch full-color TFT LCD display, high-definition, 170° wide viewing angle, extremely simple user interface, and clear visible data.

**Blood pressure button**

Conspicuous, independent blood pressure button for easy operation.

**Handle**

A concealed groove handle on the back, simple and stylish, comfortable to hold, stable, and easy to move.

**Alarm system**

Automatic audio, visual, and screen three-level alarm with intelligent operation for easy use.

**Power supply**

Utilizes high-performance power supply, wide voltage range from AC100V-240V, built-in rechargeable lithium battery, compatible with both AC and DC power sources, providing continuous power for over 2 hours.

**Operating interface**

Simultaneously displays ECG waveforms for channels 1 to 7, with the ability to show all 8 waveforms on the same screen, enabling cascading ECG waveform display. The interface supports both Chinese and English, featuring large font size for easy reading, and offers one-touch shuttle operation.

**Patient information input function**

Supports both wired and wireless networking capabilities.

**Interface settings**

USB and network interfaces facilitate the integration into a central monitoring system and enable the free exchange of information.





CONSTANT INNOVATION



Design



Research



Manufacturing



Maintenance



Service

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Company video



General catalogue