



SK-EM403

14 INCH PATIENT MONITOR



SK-EM403

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: 2.6kg
▪ Product size	336*262*99 mm
▪ ECG (Lead configuration)	6-pin, 5-lead ECG lead wires
▪ ECG (Gain)	0.25, 0.5, 1, 2, 4
▪ 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
▪ ECG (Baseline recovery time)	< 3 seconds after defibrillation
▪ Respiration (Measurement method)	RA-LL (R-F) Impedance Method
▪ Respiration (Respiration rate range: Adults)	(0-120) BrPM
▪ Respiration (Children and newborns)	(0-150) BrPM
▪ Respiration (Apnea alarm)	(10-40) seconds
▪ Measurement range of blood oxygen saturation	0~100%, resolution: 1%, accuracy: 70%~100%; ±2, 0%~69%
▪ 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
▪ Non-invasive blood pressure (Pulse Rate Range)	(30 - 300) bpm
▪ Non-invasive blood pressure (Measurement range)	Systolic pressure (40-280) mmHg, diastolic pressure (10-220) mmHg, mean arterial pressure (20-235) mmHg
▪ Non-invasive blood pressure (Static pressure range)	(0-300) mmHg, static pressure accuracy: ±3 mmHg
▪ Body temperature , measurement Range	(0-50)°C, resolution: 0.1°C, accuracy



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

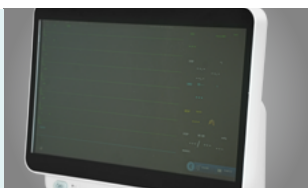
Integrated design, streamlined functionality, stable performance, strong anti-interference capability, and long-lasting durability.

**Shell material**

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

**Screen design**

14-inch full-color TFT LCD display, with a resolution of 1366*768, high-definition display, a wide viewing angle of 170°, extremely user-friendly 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**

Allows for the customization of different alarm levels with both audible and visual alerts.

**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