

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.

Product data sheet

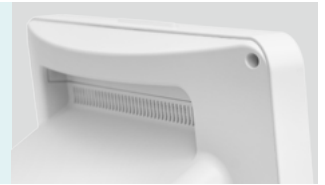
Design

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