

# SK-EM404

## 15-INCH PATIENT MONITOR



# SK-EM404

## 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: 3.8kg
▪ Product size	305*160*287 mm
▪ ECG (Lead configuration)	6-pin, 5-lead ECG lead wires
▪ ECG (Gain)	'25, '50, '100, '200
▪ ECG (Heart rate range Adults)	15 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)	(0-120) 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	20 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)	(40 - 240) bpm
▪ Non-invasive blood pressure (Measurement range)	Systolic pressure (40-270) mmHg, diastolic pressure (10-215) 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

15-inch high-brightness TFT color LCD display, black mirror design, the operation interface is user-friendly, and the data wave is clearly visible.



## 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.



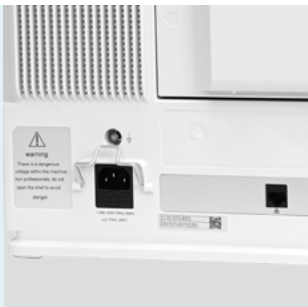
## Alarm system

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