



HW-EM001

12-INCH PATIENT MONITOR



Healthward

Healthier
your life

HW-EM001

FEATURES AND HIGHLIGHTS

Internal structure: Adopting aluminum-magnesium alloy bracket, stable and reliable, with good shock resistance and easy to move.

Monitoring functions: 6 major monitoring functions, comprehensive detection from multiple angles: electrocardiogram monitoring, body temperature, blood pressure, blood oxygen, respiration, and heart rate.

Technical parameters

Product weight	GW: 6kg, NW: 3.5kg
ECG (Lead configuration)	Standard three-lead or five-lead cable
ECG (Gain)	0.25, 0.5, 1, 2
ECG (Heart rate range Adults)	15bpm to 300bpm
ECG (Newborns/children)	15bpm to 350bpm
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%: undefined
Measurement range of pulse rate	20bpm~300bpm resolution: 1bpm accuracy: ±3bpm
Non-invasive blood pressure (Operating modes)	manual/automatic/continuous
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.
Dual-channel temperature measurement, measurement range	(5-50)°C, resolution: 0.1°C, accuracy

Technical configuration

<input checked="" type="checkbox"/> ECG/heart rate, SPO2, NIBP, RESP, TEMP, PR
<input checked="" type="checkbox"/> Optional feature: Sidestream/mainstream EtCO2
<input checked="" type="checkbox"/> Sidestream/mainstream carbon dioxide
<input checked="" type="checkbox"/> GAS anesthesia gas module
<input checked="" type="checkbox"/> Depth of anesthesia
<input checked="" type="checkbox"/> IBP-1: Single-channel invasive blood pressure
<input checked="" type="checkbox"/> IBP-2: Dual-channel invasive blood pressure
<input checked="" type="checkbox"/> 2-TEMP dual temperature probe
<input checked="" type="checkbox"/> Thermal Recorder
<input checked="" type="checkbox"/> Wall mount
<input checked="" type="checkbox"/> Trolley
<input checked="" type="checkbox"/> CMS
<input checked="" type="checkbox"/> Wireless network
<input checked="" type="checkbox"/> Pediatric accessories
<input checked="" type="checkbox"/> Neonate accessories
<input checked="" type="checkbox"/> Veterinary version
<input checked="" type="checkbox"/> Touch Screen

Other Features

Large character interface, 336 hours of monitoring parameter trend graphs, trend table review, 1000 sets of NIBP data lists, 1800 alarm event reviews;
Respiratory oxygenation graph function, ST segment analysis, pacing analysis, drug concentration calculation function, alarm event review, and heart rate abnormality review;
Adopts Aiah™ ECG technology, which can effectively improve the anti-interference ability of ECG and ensure the accuracy of heart rate abnormality analysis;
It has automatic, manual, and continuous blood pressure measurement methods, dual pressure overpressure protection function, and whether it is for patients with high blood pressure or low blood pressure, the measurement is very accurate.

Design

The integrated structural design is streamlined in function, stable in performance, strong in anti-interference ability, and durable.

**Shell material**

Brand new ABS engineering plastic mold injection molding.

**Screen design**

12.1-inch true color TFT LCD display, with high resolution of 800×600. The operating interface is extremely simple and the data waveform is clear and visible.

**Blood pressure button**

Eye-catching and independent blood pressure button. Anti-slip design for easy rotation.

**Handle**

Fixed handle design, comfortable to hold, stable and easy to move.

**Alarm system**

Automatic sound and light screen triple alarm, intelligent alarm, and simple operation.

**Power supply**

Using high-performance power supply, even in harsh power grid environments, it can provide excellent monitoring and make monitoring information continuous and uninterrupted. It is compatible with both AC and DC power sources, and has an external plug-in lithium battery with a continuous power supply time of ≥ 3 hours.

**Operating interface**

1-7 channel ECG waveform synchronous display, with the ability to display 8 channels of waveforms on the same screen. The interface can be displayed in Chinese or English, with large fonts. The device can be operated using one-button shuttle or touch screen.

**Patient information input function**

Support wired/wireless networking function.

**Interface settings**

USB and network interfaces facilitate the formation of a central monitoring system and the free exchange of information.



As the circumstance of printing, the photos might have minor difference on color, tactile from real products.
As the update of design and improvement, parameters and outlook of products might change, thanks for understanding.

Healthward



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General catalogue