

# ME2000

## PATIENT MONITOR



Quality, Management, Environment, Health & Safety Standards



CDSCO Certified



USFDA Listed



European CE



ISO 13485:  
NABCB/IAF



ISO 9001: IAF



7 Electric Safety  
Certifications

## INTRODUCTION

The ME2000 patient monitor is the leading choice in multi-parameter monitoring. With its large, easy-to-read display and intuitive design. The standard parameters include 5/3 leads electrocardiography (ECG), non-invasive blood pressure (NIBP), pulse oximetry (SpO<sub>2</sub>), Respiration Rate (RR), temperature (TEMP). Optional parameters include ETCO<sub>2</sub>, 2 invasive blood pressures, and an integrated printer.

## CERTIFICATION

USFDA Listed with FEI Code, CDSCO Certified, European CE, CE, ISO 13485 from NABCB under IAF, ISO 9001 (IAF), ISO 14001 (IAF), ISO 45001 (IAF), Electric Safety Standards IEC 60601-1-2:2014, IEC 61000-6-1:2016, IEC 60335-2-24:2020, IEC 60335-1:2020, IEC 60364-1:2005, WHO GMP, IP 69, BIFMA, ASTM (Anti Corrosion), EN 13523-26, ISO 13849-1, and Many more.

## FEATURES



12.1" large-sized screen, anti-dazzle with 4° incline.



Integrated module designs ensure the product's safety, stability and durability.



Wide-angle alarms indicator makes patients safer.



Multiple display modes: OxyCRG, Trend table and Trend graph etc.



Advanced patient information management system.



Review trend data at any time for any patient by inputting patient ID or name.



Connect with central monitoring system for remote and wireless monitor.



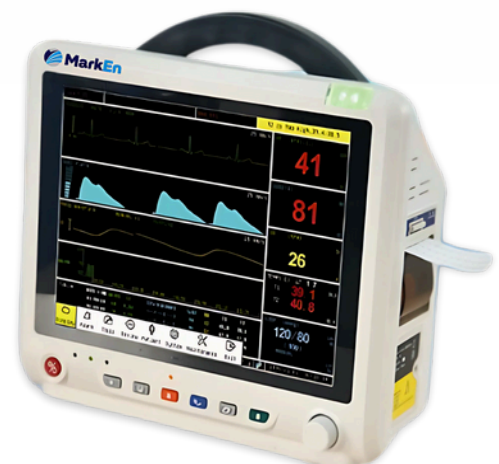
High capacity storage, power-off data protection.



3-level visual/audio alarms and alarm events can be stored and reviewed.



Support slot interfaces: Network, Wi-Fi.





No fan design to keep the whole system working quietly



Ergonomically designed handle to fit your hand comfortably.



Double batteries channels to realize long time continuous operation.



Recorder supports the print of 3-channel waveform at the same time.(Optional)

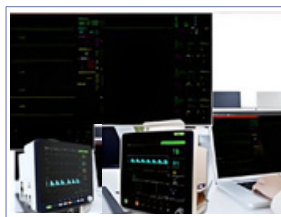
## ACCESSORIES:



Standard Accessories



Disposable sensors



IME2025



Trolley



Sidestream ETCO2 Module

## SPECIFICATIONS

### ENCLOSURE

<b>Weight</b>	3.75kg (8.27 lb), including 1 battery
<b>Dimensions</b>	324mm W x 324mm H x 183mm D (12.76in. W x 12.76in. H x 7.20in. D)

### DISPLAY

<b>Screen size</b>	307.3 mm (12.1 in.), measured diagonally
<b>Screen type</b>	TFT LCD, white LED backlight, viewing cone of 60° and optimal viewing distance of 1 meter
<b>Resolution</b>	800x600 pixels

### ALARMS

<b>Categories</b>	Patient status and system status
<b>Priorities</b>	Low, medium, and high
<b>Notification</b>	Audible and visual
<b>Setting</b>	Full storage, low battery and sensor off
<b>Alarm volume level</b>	45 to 85 decibels
<b>Alarm system delay</b>	<10 seconds

### SPO<sub>2</sub>

<b>Aturation range</b>	0 to 100% Functional Saturation
<b>Accuracy</b>	70–100%: ±2%; <70% unspecified
<b>Resolution</b>	1%
<b>Display wave speed</b>	10.00 mm/sec

### RESP.

<b>Aturation range</b>	0–130 rpm
<b>Accuracy</b>	±1 rpm
<b>Resolution</b>	1 rpm



**TEMP**

<b>Aturation range</b>	0–50°C
<b>Accuracy</b>	±0.2°C
<b>Resolution</b>	0.1°C

**ETCO<sub>2</sub> (OPTIONAL)**

<b>Mode</b>	Sidestream
<b>Aturation Range</b>	0–150 mmHg
<b>Accuracy</b>	0–40 mmHg ±2 mmHg
<b>Flow rate</b>	41–150 mmHg ±10% of reading
<b>Resolution</b>	50 ml/min ±10 ml/min

**ELECTRICAL**

<b>Battery</b>	Four new lithium batteries with 4,400mAh
<b>Type</b>	Will typically provide 4.5 hours of monitoring with no external communication, no audible alarm sound, and at an ambient temperature of 25°C
<b>Voltage</b>	Lithium Batteries, 4,400mAh, DC 11.1V

**PULSE RATE**

<b>Aturation range</b>	25 bpm to 250 bpm
<b>Accuracy</b>	±2 bpm / ±2% take maximum
<b>Resolution</b>	1 bpm

**ECG**

<b>Aturation range</b>	25 bpm to 250 bpm
<b>Accuracy</b>	±2 bpm / ±2% take maximum
<b>Resolution</b>	1 bpm
<b>Leads</b>	I, II, III, V, aVR, aVL or aVL
<b>Display sweep speed</b>	6.25, 12.5, 25, 50 mm/sec
<b>Display gain</b>	X 1/4, X1/2, X1, X2, X4

### NIBP

<b>Method</b>	Oscillometric
<b>Measurement Range</b>	0–300 mmHg
<b>Accuracy</b>	Based on ANSI/AAMI SP10:1992 and 2002 Standards
<b>Measurement Time</b>	30 to 50 seconds typical, 180 seconds maximum
<b>Auto Interval Times</b>	2, 3, 5, 10, 30 min, or 1, 2h

### ENVIRONMENTAL

	TRANSPORT AND STORAGE	OPERATING CONDITIONS
<b>Temperature</b>	(-40 ~ +75) °C / (-40° ~ +167° F)	0° to 50°C / (32° to 122 °F)
<b>Altitude</b>	500 to 5,000m (-1,640 to 16,404 ft.)	
<b>Relative humidity</b>	15% to 95% noncondensing	

### TREND

<b>Memory</b>	Saves a total of 120 hours of data events; saves date and time, alarm conditions, measurements
<b>Tabular format</b>	One table for all parameters

### CONFIGURATION

<b>Standard</b>	SpO <sub>2</sub> + ECG + NIBP + RESP + TEMP
<b>Optional</b>	Sidestream ETCO <sub>2</sub> Module, Double Lithium Batteries, IBP, Trolley, Recorder, Brace, IPM8600 Central monitoring system

# CERTIFICATIONS

Quality, Management, Environment, Health & Safety Standards



**50 Products  
CDSCO Certified**



**USFDA Listed**



**8 products tested by a  
WHO-accredited laboratory**



**European CE**



**NABCB: ISO 13485**



**ISO 9001: IAF**



**ISO 14001: IAF**



**ISO 45001: IAF**



**7 Electric Safety  
Certifications**



**WHO GMP**



**BIFMA Certified,  
BIFMA Level 3**



**ASTM- Corrosion  
Free Products**



**ISO 2409**

**EN 13523-26,  
ISO 13849-1,  
IP 69, IP 65**

**& many other...**

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### Authorized Distributor Details