



# ME2025

## 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 ME2025 Patient Monitor is a monitor that breaks the shape of the traditional monitor. The unique inclined panel design makes the angle of the buttons and the screen more in line with the angle of human observation, which is a kind of humanized design. It may be used in the hospital, clinical environment, and home care. The rounded chamfer design makes it full of sense of science and technology.

## 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



Tilted 12.1 inch LCD high definition display.



Equipped with accessory box, save more space.



The rounded chamfer design with a sense of technology.



Connect with the central monitoring system for remote and wireless monitoring.



Large capacity storage, with power failure protection.



The integrated module design ensures the safety, reliability and stability of monitor



5 display modes: large character, OxyCRG Display Mode, trend table data and other multiple inter faces.



The dexterous handle makes it convenient for medical staff to carry.



## CONTROL SYSTEM:



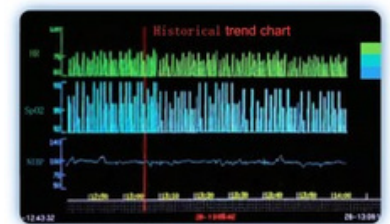
Tilted display panel.



Optional touchscreen makes it easier to operate.



Supports the print of 3-channel waveform at the same time.



Data and trend review, accurate point data.

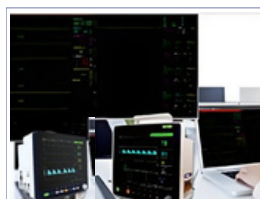
## ACCESSORIES:



Standard Accessories



Disposable sensors



IME2025



Trolley



Sidestream/Mainstream ETCO2 Module

## SPECIFICATIONS

### ENCLOSURE

<b>Weight</b>	4.6kg (10.15lb)
<b>Dimensions</b>	178mm W x 285mm H x 310mm D (12.76in. W x 11.2in. H x 12.2in. D)

### DISPLAY

<b>Screen size</b>	12.1 inch diagonal High-Resolution
<b>Screen type</b>	TFT (Thin Film Transistor) Active Matrix LCD
<b>Resolution</b>	1024 x 768 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>Measurement 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>Measurement range</b>	0 to 120 breaths per minute (rpm)
<b>Accuracy</b>	±1 rpm
<b>Resolution</b>	1 rpm

### TEMP

<b>Measurement range</b>	0 to 50°C / 32 to 122°F
<b>Accuracy</b>	±0.2°C plus the temperature sensor tolerance
<b>Resolution</b>	0.1°C

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

<b>Mode</b>	Sidestream or Mainstream
<b>Measurement Range</b>	0–150 mmHg
<b>Accuracy</b>	0–40 mmHg: ±2 mmHg
<b>Flow rate</b>	41–150 mmHg: ±10% of reading 50 ml/min ±10 ml/min
<b>Resolution</b>	0.1mmHg

### ELECTRICAL

<b>Battery</b>	Lithium battery with 4,400mAh will typically provide 8 hours of monitoring with no external communication, no audible alarm sound, and at an ambient temperature of 25°C
<b>Type</b>	Lithium Battery, 4,400mAh, DC 11.1V
<b>Voltage</b>	AC 100–240V, 50–60Hz, 80VA

### PULSE RATE

<b>PR range</b>	20 to 350 bpm
<b>Accuracy</b>	±2 bpm or ±2% (whichever is greater)
<b>Resolution</b>	1 bpm

### ECG

<b>HR range</b>	20 to 350 bpm
<b>Resolution</b>	1 bpm
<b>Accuracy</b>	0–40 mmHg: ±2 mmHg 41–150 mmHg: ±10% of reading
<b>Leads</b>	I, II, III, V, aVR, aVL, or aVF (5-lead)
<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 with step-down deflation
<b>Measurement Range</b>	0–300 mmHg
<b>Accuracy</b>	Algorithm based on human algorithm that meets or exceeds accuracy requirements of ANSI / AAMI SP10:1992 and 2002 standards for non-invasive blood pressure using the oscillometric method
<b>Measurement Time</b>	30 to 50 seconds typical, 120 seconds maximum
<b>Auto Interval Times</b>	2, 3, 5, 10, or 30 minutes, or 1, 2 hours 20–260 (in 1 mmHg steps), and OFF

### ENVIRONMENTAL

	TRANSPORT AND STORAGE	Operating Conditions
<b>Temperature</b>	–40 to +75°C (–40° to +167°F)	0 to 50°C / 32 to 122°F
<b>Altitude</b>	1640 to 16404 ft.	
<b>Relative humidity</b>	15% to 95 %x non condensing	

### 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 / Mainstream ETCO <sub>2</sub> Module, Trolley, Brace, IPM58600 Central monitoring system, Recorder, Touch screen

# 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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