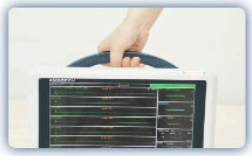
PM5000

Patient Monitor

The PM5000 patient monitor is the leading choice in multi-parameter monitoring. With its large, easy to read display and intuitive design. The standard parameters includes 5/3 leads electrocardiography(ECG), non-invasive blood pressure(NIBP), pulse oximetry (SpO2),Respiration Rate(RR), temperature(TEMP). Optional parameters includes ETCO2, 2 invasive blood pressure and an integrated printer.

- 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.

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

Double batteries channels to realize long time continuous operation.

UTMI

SPECIFICATIONS

Enclosure

Weight	3.75kg (8.27 lb), including 1 battery
Dimensions	324mm W x 324mm H x 183 mm D (12.76in. W x 12.76in. H x 7.20in. D)
Display	
Screen size	307.3 mm (12.1 in.), measured diagonally
Screen type	TFT LCD, white LED backlight, viewing cone of 60° and optimal viewing distance of 1 meter
Resolution	800 x600pixels
Alarms	
Categories	Patient status and system status
Priorities	Low, medium, and high
Notification	Audible and visual
Setting	Full storage, low battery and sensor off
Alarm volume level	45 to 85 decibels
Alarm system delay	<10seconds

SpO2

Aturation range	1% to 100%
Accuracy	70–100% (±2%), <70% undefined
Resolution	1%
Display sweep speed	10.00 mm/sec

Pulse Rate

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

ECG

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

NIBP

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

RESP

Aturation range	0–130rpm
Accuracy	±1 pm
Resolution	1rpm

TEMP

Aturation range	0–50℃
Accuracy	±0.2℃
Resolution	0.1℃

ETCO2 (Optional)

Mode	Sidestream
Aturation Range	0–150mmHg
Accuracy	0–40mmHg ±2mmHg 41–150mmHg ±10% of reading
Resolution	0.1mmHg
Flow rate	50ml/min ±10ml/min

Electrical

Battery	Four new lithium batteries with 4,400mAh will typically provide 4.5 hours of monitoring with no external communication, no audible alarm sound, and at an ambient temperature of 25°C
Type	Lithium Batteries, 4,400mAh, DC 11.1V
Voltage	AC 100–240V, 50–60Hz, 80VA

Environmental

	Transport and Storage	Operating Conditions
Temperature	–40°C to 75°C (–40°F to 167°F)	0°C to 50°C (32°F to 122°F)
Altitude	–500 to 5,000m (–1,640 to 16,404 ft.)	
Relative humidity	15% to 95% noncondensing	

Trend

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

Configuration

Standard	SpO2+ECG+NIBP+RESP+TEMP
Optional	Sidestream ETCO2 Module, Double Lithium Batteries, IBP, Trolley, Recoder, Brace, IPMS8600 Central monitoring system

ACCESSORIES


Standard


Disposable sensors


IPMS8600


Trolley


Sidestream ETCO2 Module

UTECH CO., LTD.

Add. : UTMI Building, No.390, Jingdongfang Avenue, Beibei District, Chongqing, 400715, P. R. China.
Eml. : service@chinautech.com
Web : www.chinautech.com
Tel : +86-23-86082658
Fax : +86-23-86082218

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