PM5000 Patient Monitor

Basic vital signs monitoring in a simple-to-use, lightweight, and portable design. This comprehensive, cost-effective solution is perfect for the bedside or in transport

Parameters

- Spo2
- ECG
- NIBP
- TEMP
- RESP
- ETCO2(Optional)
- Printer(Optional)
- Dual IBP(Optional)

Features

- Easy-to-read 12.1' active color TFT display.

- Easy to learn, easy to use-simplified menus and dedicated function keys.

- Light weight design and versatile mounting options-adaptes readily to department and transport requirements.

Focus on your patients, not your monitor. The PM5000 patient monitor is the perfect choice for busy departmentsdemanding accurate, reliable performance.

Compact and lightweight, the PM5000 patient monitor can monitor adults, pediatrics, and neonates in virtually every department - at bedside or in transit. The innovative user interface features simplified menus and dedicated function keys for timely set-ups. The big, bright display with large numerics can easily be seen, even from across the room.

The PM5000 patient monitor mounts quickly and easily to walls, rollstands, and bedrails.

TechMedical **UTECH CO., LTD.**

PM5000 Patient Monitor

Technical Specification

ECG

Lead mode	5 lead,RA,LA,RL,LL,V
Lead selection	I,II,III,V,AVF,AVL,AVR
ECG waveform	1 or 3 Channels
Gain selection	0.25,0.5,1,2 and 4(mm/mv),auto
Sweep speed	6.25 mm/s,12.5mm/s, 25mm/s,50mm/s
Heart rate range	30-350 BPM
Accuracy	±2 BPM or ±2% (whichever is greater)
Resolution	1BPM
S-T deletion	Yes

NIBP

Technical	Oscillometric during inflation
Range of Systolic	40 to 270 mmHg
Range of Mean Arterial	30 to 220 mmHg
Range of Diastolic	20 to 200 mmHg
Measurement time	30 to 50 seconds typical, 120 seconds maximum
Alarm range	20-260(in 1 mmHg steps),and OFF

SpO2

Range	0-100%
Accuracy	±2 at 70-100%
Resolution	1%
Pulse rate range	30-350BPM
Resolution	1BPM

Temperature

Channel	Two
Measuring range	25-45℃
Accuracy	±0.2℃,plus the temperature sensor tolerance
Resolution	0.1℃

Respiration

Measurement range	0-120rpm
Accuracy	±1rpm
Resolution	1rpm

Display

Screen:	12.1" active color TFT
Resolution:	800 x 600 pixels
Waveforms:	6, maximum
Waveform Types:	ECG leads I, II, III, aVR, aVL, aVF, V; Respiration; Pleth; ST Histograms
Languages:	English, Chinese

Controls

Keys:	8; membrane-activated
Rotary knob:	Push and rotate; 24 steps/turn

Printer

Type:	Thermal line printer
Paper Speed:	12.5, 25, 50 mm/sec

Physical Properties

Weight:	5.5kg
Size:	33cm (L) x 33cm (W) x 19cm (H)

Power Requirements

Voltage:	100- 240 VAC; 50/60 Hz
Battery:	1 lithium battery; life: 4 hrs, typical; 2 lithium battery; life: 8 hrs, typical; recharge time: 4.5 hr

Environmental

Operating Temperature:	15℃-35℃
Storage Temperature:	-5℃-50℃
Operating Humidity:	15% to 90%, noncondensing

Classification

Medical Device:	Class II Equipment (IIb EU)
Electrical Protection:	Class I Equipment
Degree of Protection:	Type CF, Defibrillator-proof
Protection Against Ingress:	IPX1