



# VI-8410P

## MULTI-PARAMETER PATIENT MONITOR



### FEATURES

- Total protection from electrosurgical interference. Minimum ECG waveform and HR distortions during electrosurgical cutting and ablation. Ultra short recovery time after defibrillation. Designed with emergency and operating room medical responders in mind.
- Dual mode respiration measurement:
  - The new and unique T-RESP mode allows respiration to be measured directly via a nasal tube. Especially helpful in the case when respiration is hard to measure via the common ECG method.
  - The common RESP mode provides derivation of respiratory signals from multi-lead ECGs.
- 8.4 inch superior resolution color TFT LCD with maximum 8-waveform display.
- Support multi-language operating interface: English, Spanish, Portuguese, French and etc.
- User friendly operating interface with feature rich popup menus, dialogue boxes and rotary mouse.
- Modern ergonomic design. Fully digital monitoring with highly integrated technology.
- Accurate SpO2 measurement in low perfusion situation.
- Fast, accurate blood pressure reading reduces the common problems of motion in NIBP measurement.
- Capable to store up to 360 hours of data records.
- Drug concentration calculation, ST-segment detection, pace-maker analysis and arrhythmia analysis.
- Able to simultaneously display OxyCRG diagram and multi-lead ECG waveforms.
- Audio and visual comprehensive alarm with configurable settings.
- Suitable for monitoring adults, pediatrics and neonates with accessories specifically designed for a variety of patient sizes.
- Energy efficient design with stand-by mode. Choose power from either the extended life build-in rechargeable battery or wall power for ultimate flexibility.
- Build-in WAN technology provides the ability to network with central monitoring system for remote monitoring and diagnosis.
- Optional printing function for data, waveforms, trend tables and trend graphs.
- Optional CO2 detection function.





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### SPECIFICATIONS

#### • ECG •

ECG Input:	3- or 5-lead ECG cable		
ECG Lead:	I, II, III, aVR, aVL, aVF, V		
Gain Choice:	X1/4, X1/2, X1, X2, X4 and Auto		
Scanning Speed (mm/sec):	6.25, 12.5, 25, 50		
Heart Rate Range:	15-380BPM	ECG Calibration:	1mV
Frequency Response:	0.05-100Hz	Heart Rate Accuracy:	±1%

#### • Pulse Rate/SpO<sub>2</sub> •

Display:	Waveforms and Digits		
Measurement Range:	0-100%	Resolution:	1%
Pulse Rate Range:	30-250BPM	Accuracy:	±2%
Resolution:	1BPM		

#### • Respiration •

Thoracic Impedance or Nasal Tube (Selectable)			
Measurement Range:	0-120BPM	Accuracy:	±1BPM
Resolution:	1BPM		

#### • Standard Configuration •

ECG, HR, NIBP, SpO<sub>2</sub>, RESP, TEMP, Drug-concentration calculation, ST-segment detection, pace-maker analysis and arrhythmia analysis, build-in rechargeable battery

#### • Optional Configuration •

ETCO<sub>2</sub>, build-in printer, 2-IBP (Dual invasive blood pressure), wall mount, monitor trolley

#### • NIBP •

Measurement Method:	Automatic Oscillometric
Patient Types:	Adults/Pediatrics/Neonate
Measurement Parameters:	Systolic, Mean, Diastolic
Measurement Range:	10-300mmHg
Units of Measurement:	mmHg/Kpa
Accuracy:	±2mmHg

#### • Temperature •

Measurement range:	25.0-45.0°C	Display:	T1, T2, ΔT
Accuracy:	±0.1°C		

#### • CO<sub>2</sub> (Optional) •

Measurement Type:	Main Stream
Measurement Range:	0%-10.0%
Accuracy:	±2mmHg

#### • Power Requirements •

90-264VAC, 50/60Hz

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