

Vital Signs Monitor



- 7 inch TFT color LCD display with adjustable brightness
- Customize all kinds of languages
- Update system software freely and remotely
- Multidisplay selectable display modes
- Built-in rechargeable Lithium battery for long-term monitoring
- High capacity storage, power-off data protection

Vital Signs Monitor

Technical Specifications

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	20-350 BPM
Accuracy	±2 BPM or ±2% (whichever is greater)
Resolution	1BPM
S-T deletion	Yes

NIBP

Method of measurement	Oscillometric with step-down deflation
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

Temperature

Channel	Two
Measuring range	25-45°
Accuracy	±0. 2°C ,plus the temperature sensor tolerance
Resolution	0. 1°C

Respiration

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

SpO2

Range	0-100%
Accuracy	±2 at 70-100%
Resolution	1%
Pulse rate range	30-250BPM
Resolution	1BPM

ETCO2 (optional)

Range	0-150mmHg
Accuracy	±2mmHg
Range of Respiration	2-150rpm
Accuracy	±1% rpm
Preheating time	10s

Power

AC input: 100 to 240V, 50/60Hz

Environmental

Temperature	-40 to 75°C (Storage) 0 to 50°C (Operating)
Humidity	15 to 95% (Operating) 10 to 95% (Storage)

Battery

Full charging time	3 hours
Operation time	more than 5 hours
Power consumption	35 W

Dimensions

Length	300mm (11. 81 inches)
Width	180mm (7. 09 inches)
Height	129mm (5. 08 inches)
Weight	2. 05Kg (4. 52 lbs)

Ordering information

Part NO.	Description
VS2000	ECG+Resp+NIBP+Temp+SpO2
VS2000B	ECG+Resp+NIBP
VS2000C	ECG+Resp+NIBP+Temp+SpO2+ETCO2
VS2000D	SpO2+NIBP
VS2000E	SpO2
VS2000F	ECG+Resp+SpO2
VS2000G	ECG+Resp+NIBP+SpO2
VS2000I	SpO2+NIBP+Temp



ISO 13485: 2003