

STAT 8000A

Patient Monitor

www.szcomen.com



- ◆ 12.1inch Large-screen color TFT display with maximum 5 waveforms
- ◆ Maximum 96 hours storing and replaying of trends graphic
- ◆ Maximum 90 minutes capturing and replaying of ECG waveform
- ◆ Adjustable colors for parameter data and curve.
- ◆ Built-in high Capacity rechargeable battery, up to 5 hours working time
- ◆ Optional Nellcor OxiMax/COMEN SpO₂
- ◆ Optional built-in recorder
- ◆ Networkable with central monitoring system



CE 0434



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Safety

ISO13485:2003 approved, CE marking
according to MDD93/42/EEC

Dimension and Weight

Dimension: 320mm×170mm×280mm
Weight: 6kg

Operation Environment

Power: AC100-250V, 50/60Hz.
Temperature: 0-40℃
Humidity: 15-85%

Patient Range:

Adult, Pediatric, and Neonate patients

Performance Specifications

Display: 12.1inch color TFT (diagonal)
Resolution: 800x600
Trace: 5 waveforms
Sweep Speed:
12.5mm/s, 25mm/s, 50mm/s
Indicator: Power indicator light
Battery indicator light
Alarm indicator light
QRS beep and alarm sound
Inter face: Parameter cable inter face
AC Power input socket
Network inter face
Battery: lead-Acid /Rechargeable
5 hours for continuous working
Trend time: 1~96 hours
Alarm: User-adjustable High and Low limits
alarm events recallable
audible and visual alarm
Networking: Connected to central monitoring
system
Recorder: Built-in, thermal array,
2 traces, paper width: 50mm
Record mode: manual, on alarm,
time -defined
Print speed: 12.5 mm/s, 25mm/s, 50mm/s

ECG

Lead selection: 5-Lead and 3-lead selectable
5 leads RA; LA; RL; LL; V or R; L; N; F; C,
3 leads: RA; LA; LL or R; L; F
ECG waveform: 2 channels
Gain selection: $\times 1/4$ 、 $\times 1/2$ 、 $\times 1$ 、 $\times 2$ 、Auto
Sweep speed: 12.5mm/s, 25mm/s, 50mm/s
Heart Rate Range: 15~350bpm
Accuracy: $\pm 1\%$ or ± 2 bpm
whichever is greater
Resolution: 1 bpm
Waveform: Standard 5 ECG waveforms
Pace detection: Yes
HR alarming time: ≤ 12 s
Input impedance: $> 5 M\Omega$

Respiration

Method: Thoracic impedance
RR measurement range: 0-100rpm
Resolution: ± 1 rpm
Accuracy: ± 1 rpm

SpO₂

Measurement range: 0-100%
Resolution: $\pm 1\%$
Accuracy: $\pm 1\%$ (90-100%) 2% (70-89%)
Pulse Rate range: 0~250 bpm
Pulse Rate Accuracy: ± 1 bpm

Nellcor SpO₂ (option)

Measurement range: 0~100%
Resolution: 1%
Accuracy: $\pm 2\%$ (adult and
low-perfusion)
 $\pm 3\%$ (neonate)
Alarm range: 0~100%
Pulse rate: Range: 20~300bpm
Resolution: 1bpm
Accuracy: ± 3 bpm
Alarm range: 20~300bpm

NIBP

Measurement method: Automatic oscillometric
Measurement types: Systolic, Diastolic, Mean
Work mode: Manual / Automatic
Auto measurement time: Adjustable
Measurement unit: mmHg / KPa selectable
Range of systolic pressure:
Adult mode: 40~270mmHg
Pediatric mode: 40~200mmHg
Neonate mode: 25~135 mmHg
Range of diastolic pressure:
Adult mode: 30~200mmHg
Pediatric mode: 20~150 mmHg
Neonate mode: 10~110mmHg
Range of mean pressure:
Adult mode: 30~220mmHg
Pediatric mode: 30~160mmHg
Neonate mode: 20~170 mmHg
Accuracy: ± 5 mmHg
NIBP pressure range 0~300 mmHg
PR from NIBP: Measurement 40-240bpm
Over-pressure protection: Double safety protection

Temperature

Measurement range: 20-45℃
Resolution: 0.1℃
Accuracy: ± 0.1 ℃
Measurement unit: °C / F selectable

Sample Gas Flowrate: 50ml/mi

Standard Configuration

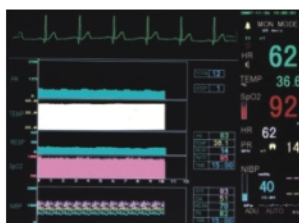
● ECG/HR ● SpO₂ ● NIBP ● Respiration
● Temperature ● Pulse

Optional Configuration

● Nellcor SpO₂ ● Thermal Recorder
● Central Monitor Station
● Special Accessories for Neonatal and
Pediatric Patient



ECG Waveforms Replay Interface



Trends Graphic Interface



NIBP Listing Interface



US SpO₂ Technology

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