STAR 8000H
Transport Patient Monitor

COMEN
www.szcomen.com

Safety
ISO 13485:2003 approved

Dimension and Weight
Dimension: 249mm×223mm×107mm
Weight: 3.5kg

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

Patient Range:
Neonate

Performance Specifications
Display: 8.4inch color TFT touch screen
Resolution: 800×600
Trace: 9 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
SD card socket
Battery: Lithium-ion battery /Rechargeable
4hours for continuous working
Trend time: 1~120 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
Technology: COMEN ExNeo™
Lead selection: 3-lead(Standard)

Respiration
Method: Thoracic impedance
RR measurement range: 7-150rpm
Resolution: ±1 rpm
Accuracy: ±1rpm

Nellcor SpO2
Technology: Nellcor OxiMax SpO2
Display: SpO2 digital, Pulse columnar graphics, volume waveform, Pulse rate
Measurement range: 0-100%
Resolution: 1%
Accuracy: ±1% (90-100%) ±2% (70-90%)
Pulse Rate range: 20-300 bpm
Pulse Rate Accuracy: ±1bpm
Alarm: Auto SatSeconds™ Technology
SpO2 sensor : Nellcor Neonate Sensor,
binding shape, and disposable
strap , Pediatric click sensor
Alarm setting: Adjustable from lower to upper and automatic memory

NIBP
Measurement method: Automatic vibration, Adap-DSP™
NIBP cuff: PHILIPS cuff, four size
Measurement types: Systolic, Diastolic, Mean
Work mode: Manual / Automatic
Auto measurement time: Adjustable 1min-480min
Measurement unit: mmHg / Kpa selectable
Measurement range:
  Pediatric Mode:
  Systolic pressure: 40-200mmHg
  Diastolic pressure: 20-165mmHg
  Mean pressure: 10-150mmHg
  Neonatal Mode:
  Systolic pressure: 40-150mmHg
  Diastolic pressure: 10-100mmHg
  Mean pressure: 20-110mmHg

Alarm type: Systolic pressure, Diastolic pressure, Mean pressure
Accuracy: ±5mmHg
NIBP pressure range: 0~300 mmHg
PR from NIBP: Measurement 40-240bpm
Over-pressure protection: Neonate: 150mmHg
Pediatric: 240mmHg

IBP
Measurement Range: -30mmHg～300mmHg
Channel: 2 channels
Pressure names: ARP,PA, CVP, RAP, LAP, ICP, P1, P2
Accuracy: ±1% or ±1bpm, whichever is greater
Calibration Mode: Zero Calibration

Temperature
Measurement range: 0-50℃
Resolution: 0.1℃
Accuracy: ±0.1℃
Measurement unit: ℃ /F selectable

EtCO2- Sidestream/Mainstream (option)
Method: Infrared Absorption Technique
Sample Rate: 50mL/min. ±10 mL/min (sidestream)
CO_2 Measurement Range: 0 to 150 mmHg
CO_2 Resolution: 0.1 mmHg 0 to 69 mmHg
0.25 mmHg 70- 150 mmHg
CO_2 Accuracy: 0-40 mmHg ±2 mmHg
41-70 mmHg ±5%of reading
71-100mmHg ±8% of reading
101-150mmHg ±10% of reading
AwRR: ± 1 rpm
Response time: <3 seconds, includes transport time, risetime
Calculation Method: BTPS (Body Temperature Pressure Saturated)
Sample Gas Flowrate: 50ml/mi

Standard Configuration
ECG/HR, SpO2, PR, NIBP, RESP, TEMP, bedrail hook

Optional Configuration
Nellcor SpO2, Thermal Recorder,
Main stream/Side stream EtCO2,
Single/Double IBP,
Optional Accessories for Neonate,
Pediatric and Adult,
Automotive Electrical Power Supply

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CE 0434

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User-friendly Interface
Multi interfaces support, including standard display, large-font display, trend coexist display, bed-to-bed view display, OxyCRG dynamic view display. Color of waveform and parameter is changeable.

Super Reliability
The design and production of product strictly comply with the CE standards. The safety, stability and durability of the product are well guaranteed. At least 10 days of aging inspection to maintain product's reliability.

Rich Clinical Information
Excellent software processing techniques, including arrhythmia analysis, pacemaker analysis, oxyCRG, S-T segment analysis, drug dose calculation etc.

Power-off Protection
24 hours of full data, alarm recall and trend graphic saving in case of power failure.

Alarm System
3-levels of audible/visual alarm, breath asphyxia alarm and alarm recall function. It can transfer the change of illness accurately and timely.

Patient Information System
Powerful information system, including patient information input, multi-language selection, and 120 hours trend graphic storage and review. It can meet the requirements of clinic analysis and data management.

Network System
Bi-directional communications with central monitoring system, both wired and wireless solution support.

- 8.4inch TFT touch screen
- Special for transferring patient, for ambulance use
- Anti-shaking, stable working system
- Option Automotive power supply support
- Built-in lithium battery, up to 4 hours working time
- ST segment analysis and huge data records
- Multi-option function support, can be used in ICU or OR

- Big Font Display
- OxyCRG: Disply the interactive relation between heart rate, respiration and oxygen on the same screen, convenient for observing the clinic change of neonate
- ST analysis, Arr. analysis, Drug-dose calculation.etc

- SD card socket: extend memory capacity, convenient for computer data saving and file recording
- Net Port: Maximum 128units bedside monitors to connect the central monitoring system, wired or wireless network supportable

Lightweight and compact 2.5kg
Lin-ion battery, up to four hours working time
Optional Automotive power supply support

Various mounting solutions