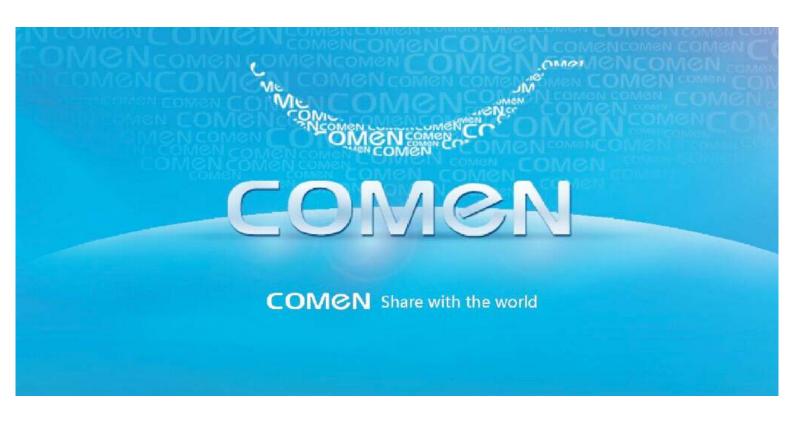
Specification: STAR8000(8000E)



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Patient Monitor STAR8000 (8000E)



Standard Configuration:

ECG,RESP,Dual-Temp,SPO2,NIBP,PR

Optional Configuration:

Thermal Recorder

Safety Standards

ISO 13485:2003 approved, CE marking according to

MDD93/42/EEC

Physical Characteristics

Product Size: 300mmX267mmX132mm

Net Weight: 2.8kg

Operation Environment

working Temperature: 0-40°C Humidity: 15-85%

Power Supply AC100-250V, 50/60Hz

Battery Type: Rechargeable lithium battery

Battery Capacity: 2200mA

Battery Recharging Maximum 6.5 hours for charging;

Time:

Battery working time: 2 hours for continuous working

800x600

Performance Specifications

Patient range: Adult, Pediatric, Neonatal 12.1" color TFT screen Display:

Resolution: Respiration Trace 4 waveforms

12.5mm/s, 25mm/s, 50mm/s Sweep Speed:

Indicator: Dual alarm indicator lights

Power indicator light Battery indicator light

QRS beep and alarm sound

Operating key sound

Interface: Parameter cable interface

AC power input socket

Software upgrade through networking port or USB port

USB port

RJ45 port

Nurse call port

Trend time: 96 hours trending

Alarm: User-adjustable High and Low

3-level Limits;

Prioritized audible and visual

alarm

Recorder: Built-in; thermal array

Data:

2 waveforms

Speed:25mm/s,50mm/s Record width:50mm

Power-off storage



Method: impedance method Range of systolic Adult Mode:40-270mmHg

RR measurement Adult: 7-120bpm

range:

Resolution:

Pediatric/Neonate:7 -150bpm

±1 rpm

10s-40s RESP Apnea Alarm:

Alarm: Audible and visual alarm; alarm

events recallable

6.25 \, 12.5 \, 25mm/s Sweep Speed:

Gain Selection: X1, X2, X4

ECG

Lead Type 5 Lead and 3 lead selectable

5-lead cable: RA; LA; RL; LL; V or R; L; N; F; C

3-lead cable: RA; LA; LL or R; L; F

Lead selection: 5-lead: I; II; III; aVR; aVL;aVF; V

3-lead: I; II; III

Gain Selection X0.25, X0.5, X1, X2 12.5, 25, 50mm/s Sweep Speed Heart Rate Range Adult: 15-300bpm

Pediatric/Neonate:15-350bpm

Resolution: 1 bpm

Protection: Withstand 4000VAC/50Hz voltage

in isolation;

Against electrosurgical

interference and defibrillation;

Accuracy: ±1% or ±2bpm (whichever is

greater)

Filter MON Mode: 0.5 Hz~40 Hz

DIA Mode: 0.05Hz~130 Hz

OPE Mode:1 Hz~20 Hz ST Mode:0.2Hz~40Hz

ST SEGMENT -2.0mV - +2.0Mv (Automatic)

detection:

Arrhythmia analysis: Yes

pacemaker detection: detectable

NIBP

Method Automatic oscillometric

Work mode: Manual / Automatic/Continuous

Auto measure time: Adjustable(1-480min) mmHg / Kpa selectable

Measurement Unit: Measurement types: Systolic, Diastolic, Mean pressure:

Pediatric Mode:40-200mmHg

Neonate Mode 40-135mmHg

Range of diastolic Adult Mode:10-215mmHg

pressure:

Pediatric Mode:10-150mmHg

Neonate Mode 10-100mmHg

Range of mean Adult Mode:20-235mmHg

pressure:

Pediatric Mode:20-165mmHg

Neonate Mode 20-110mmHg

both Hardware and software over Over-pressure

pressure protection protection: Less than ±5mmHg Accuracy:

Resolution 1mmHg

Alarm Systolic, Diastolic, Mean

PR from NIBP: 40-240bpm

Temperature (Dual Channel)

0-50°C (32 to 122F) Measurement range:

Resolution: 0.1°C

±0.1°C (without probe) Accuracy: Channel: 2 channels, T1, T2, TD

(Temperature Difference)

Comen SPO2

Measurement & alarm 0~100%

range

Resolution: 1%

Accuracy: ±2% (70~100%,Ped, non-motion+

±3% (70-100%, Neo, non-motion);

0-69% unspecified

0~100% Alarm range

Pulse rate: Range: 20~250bpm

Resolution:1bpm

Accuracy: ±3bpm(non-motion)

±5bpm(motion)

Alarm range:20~250bpm

*Notice: Specifications subject to changes without prior

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