

STAR 8000 Patient Monitor

Specification

Standard Configuration:

ECG, RESP, Temp, SPO2, NIBP, PR, and Thermal Array Printer and arrhythmia analysis

Safety Standards:

ISO 13485:2003 approved, CE marking according to MDD93/42/EEC

Physical Characteristics:

Product Size : 300mm×27mm×150mm
Net Weight : 2.72 kg (without battery)

Operation Environment:

Working Temperature : 0-40°C
Humidity : 15-85%
Power Supply : AC100-250V, 50/60Hz
Battery Type : Rechargeable Lithium battery

Battery Capacity

Standard : 2200mA
Optional : 4400mA
Battery working time:
2200mA 2 hours
4400mA 4 hours
Prioritized audible and visual alarm

Recorder

Built-in; thermal array 3 waveforms
Speed : 25mm/s, 50mm/s
Record width : 50mm

Performance Specification

Patient range : Adult, Pediatric, Neonatal
Display : 12.1" color LED Backlight Screen

Resolution : 800x600
Trace : 4 waveforms
Indicator : Alarm indicator
Power indicator light
Battery indicator light

Interface : Parameter cable
interface AC power input
socket Software upgrade
through USB port RJ45
port,
Multifunction port

Data review : Power-off storage
160 hours trending
5000 sets of NIBP
measurement
200 groups alarm events
48h wave review

Alarm : User-adjustable High
and Low
3-level Limits

Respiration

Method : impedance method

Measurement range

Adult : 0-120bpm

Pediatric/ Neonate : 0-150bpm

Resolution : ±1 rpm

RESP Apnea Alarm

Adult : 10s-1min

Pediatric/ Neonate : 10s-40s

Alarm : Audible and visual alarm;
alarm events recallable

Gain Selection : X0.25, X0.5, X1, X2, X4

ECG

Lead Type : 3/5-leads ECG Analysis,
and 12 lead selectable

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

N; F; C RA; LA; LL or R;

L; F

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

aVF; V

Gain Selection : X0.125, X0.25, X0.5, X1,

X2, X4, auto

Sweep Speed : 6.25, 12.5, 25, 50mm/s

Heart Rate Range

Adult : 15-300bpm

Pediatric/ Neonate : 15-350bpm

Resolution : 1 bpm

Protection : Withstand 4000VAC/50Hz
voltage in isolation.
Against electro-surgical
interference and
defibrillation

Accuracy : ±1bpm

Filter

MON Mode : 0.5Hz~40Hz

DIA Mode : 0.05Hz~150 Hz

SUR Mode : 1 Hz~20Hz

ST Mode : 0.05Hz~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(1-720min)

Measurement Unit

: mmHg / Kpa selectable

Measurement Types

: Systolic, Diastolic, Mean

Range of systolic pressure

Adult Mode : 40-270mmHg

Pediatric Mode: 40-200mmHg

Neonate Mode : 40-135mmHg

Range of diastolic pressure

Adult Mode : 10-215mmHg

Pediatric Mode: 10-150mmHg

Neonate Mode : 10-100mmHg

Range of mean pressure

Adult Mode : 20-235mmHg

Pediatric Mode: 20-165mmHg

Neonate Mode : 20-110mmHg

Over-pressure : Both Hardware and
Software over

Protection : Pressure protection

Resolution : 1mmHg

Alarm : Systolic, Diastolic, Mean

PR from NIBP: 40-240bpm

Temperature (Dual Channel)

Measurement : 0-50°C (32 to 122F)

range

Resolution : 0.1°C

Accuracy : ±0.1°C (without probe)

Channel : 2 channels, T1, T2, TD
(Temperature Difference)

SPO2

Measurement range : 0~100%

Resolution : 1%

Accuracy : 70~100%

±2% (adult/ped, non-

motion)

±3% (Neo, non-motion)

0-69% unspecified

Alarm range : 0~100%

Pulse rate

Range : 20~254bpm

Resolution : 1bpm

Accuracy : ±2bp

STAR 8000

Patient Monitor



Most Sturdy Stable Structure
Superior User-friendly Operation



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STAR8000

Patient Monitor

Professional technology to satisfy the practical use

According to the actual need of ward care the redundancy function, optimize the instrument performance and improve the accuracy of monitor and anti-interference ability, make the function more excellent.



Seven Parameter 12.1 inch Screen Multi Language High Capacity Battery Central Monitoring System

- Built-in rechargeable battery 4 hours continuous work
- 12.1 inch high resolution TFT display
- Wire/wireless connectivity with Central Monitor Station.



*Convenient Handle



- * USB/SD memory data saving
- * Power-off data saving function (trend table, trend graph, waveform review, NIBP records)
- * USB upgrading
- * NIBP dust cover



- * ST segment analysis
- * Arrhythmia analysis functions



STAR8000

Patient Monitor



KEUNGGULAN :

Reliability, Simplicity, Intelligence

1. Monitor 12.1 inch color TFT
2. 7 Parameter : EKG, RESP, SpO2, Temp, NIBP, PR dan THERMAL ARRAY PRINTER ST and arrhythmia analysis
3. 3 Cuff untuk Dewasa, Anak dan Bayi
4. Battery sampai 4 jam
5. Penyimpanan data sampai 160 jam
6. LAN Networking (siap untuk Central Monitor, termasuk konektor dan kabel 10 meter)
7. Termasuk braket monitor untuk dinding
8. Sangat mudah dioperasikan

Simple and convenient user menu, easy to know and use, avoid the operating mistake. Unique, convenient key design, clear and beautiful interface style, flexible and different mounting solutions.



User-friendly operational interface



Simple & clear big font interface



Independent NIBP Button



Audio/Light multi-stage alarming