DiST
DIGITAL SCIENCE TECH

Multi-Parameter
Patient Monitor

DS 5000(A)

CHARACTERISTICS

- Super ability in against electrosurgical interference. Neither in cutting nor in burning, the ECG waveform and HR can be influenced. Very short recovering time after defibrillation. Especially suitable for use in emergency or operating room.

- Display: 10.4" for DS5000 and 12.1 inch for DS5000A color TFT LCD screen with maximum 8-waveform display.

- Brightness and volume are adjustable continuously.

- Multi-language operation interface include English, Spanish, Portugues, French, Arabic, Russian, etc.

- User-friendly and man-machine dialogue interface including pop-up menus, dialogue boxes, rotary knob.

- Fast and accurate measurement of blood pressure, a function of venipuncture.

- Using advanced digital technology, accurately measures the SpO2 in low perfusion situation.

- History trend data storage, up to 96 hours.

- Drug-concentration calculation, ST-segment detection, pace-maker analysis and arrhythmia analysis.
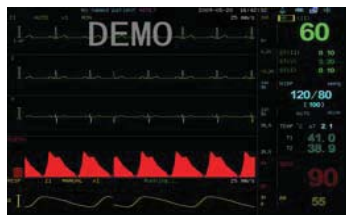
ECG NIBP RESP SpO2 TEMP

CO2 IBP M/G C/O

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Multi-parameter Patient Monitor **DS 5000(A)**

FEATURES

▲ Normal Display

▲ Trend Memory

▲ Waveforms setup

▲ oxyCRG Display

CHARACTERISTICS

- Display OxyCRG diagram, seven leads ECG waveform simultaneously and big character mode. Five custom display mode can be defined and restored.

- Audible & visual alarm available and alarm limits are adjustable. 10.4 inch TFT color for DS5000 and 12.1 inch for DS5000A.

- Suitable for adults, pediatrics and neonates.

- Applications in hospital such as emergencey pre- and post-operative care, theater/operating room, intermediate care/step down units, labor and delivery, hospital-based special procedure areas and outdoor ambulatory surgery.

- WAN communication function to network with central monitoring system and make long-distance monitoring, diagnosis, maintenance and software upgrade possible.

- Optional printing function of data, waveform, trend tables and trendgraphs.

SPECIFICATIONS

ECG

ECG	5-lead ECG cable
ECG lead	I, II, III, aVR, aVL, aVF, V
Gain choice	×1/4, ×1/2, ×1, ×2, ×4 and auto
Scanning speed	6.25mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s
Heart rate range	15-300BPM ECG calibration 1mV
Frequency response	0.05-100Hz Heart rate accuracy ±1%

NIBP

Test principle	Automatic oscillometric
Patient types	Adult, pediatric and neonate
Measurement parameters	systolic, mean, diastolic
Measurement type	Manual, automatic and continuous
Measurement range	10~300mmHg
Units of measurement	mmHg/Kpa
Accuracy	±2 mmHg

SpO2

Display	Waveform and digit
Measurement range	0-100% Resolution 1%
Pulse rate range	30-250BPM accuracy ±2%
Resolution	1BPM

Temperature(TEMP)

Temperature range	25.0-45.0℃ Display T1, T2, △T
accuracy	±0.1℃

Respiration

Thoracic impedance or nasal tube (selectable)

Measurement range	0-120BPM accurary ±1BPM
Resolution	1BPM

EtCO2 (Optional)

Measurement type	side stream or main stream
Measurement range	0%-10.0%
Accuracy	±2mmHg
Power requirements	90-264VAC, 50/60Hz

Standard Configuration

ECG, HR, NIBP, SpO$_2$, RESP, TEMP, Drug-concentration calculation, ST-segment detection, pace-maker analysis and arrhythmia analysis, Built-in rechargeable battery

Optional Configuration

EtCO2, Thermal Printer(2-CH) built-in, 2xIBP, Wall mount, Moving cart, Touch screen(DS5000A only)

■ SPECIFICATIONS SUBJECT TO BE CHANGED WITHOUT PRIOR NOTICE ■