



ECG

NIBP

RESP

SpO<sub>2</sub>

TEMP

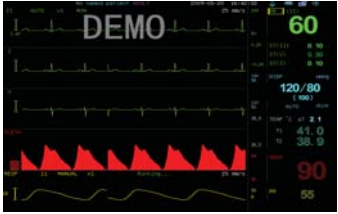
CO<sub>2</sub>

IBP

- 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 SpO<sub>2</sub> in low perfusion situation.
- Huge history trend data storage, up to 360 hours.
- Drug-concentration calculation, ST-segment detection, pace-maker analysis and arrhythmia analysis.

# 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 emergency pre- and post-operative care, theater/operating room, intermediate care/step down units, labor and delivery, hospital-based special procedure areas and outdoor ambulance surgery.
- WAN communication function to network with ventral monitoring system and make long-distance monitoring, diagnosis, maintenance and software upgrade possible.
- Optional printing function of data, waveform, trend labels and trendgraphs.
- Optional EtCO<sub>2</sub>, IBP.

## SPECIFICATIONS

### ECG

ECG input	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	15-380BPM	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	Optional	
Accuracy	± 2 mmHg		

### SpO<sub>2</sub>

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

### Body temperature

Temperature range	25.0-45.0°C	Display	T1, T2, ΔT
accuracy	± 0.1°C		

### Respiration

Thoracic impedance or nasal tube (selectable)			
Measurement range	0-120BPM	accuracy	± 1BPM
Resolution	1BPM		

### CO<sub>2</sub> : (Optional)

Measurement type	side stream		
Measurement range	0%-10.0%		
Accuracy	± 2mmHg		

Power requirements 90-264VAC, 50/60Hz

### Standard configuration:

ECG, HR, NIBP, SpO<sub>2</sub>, RESP, TEMP, Drug-concentration calculation, ST-segment detection, pace-maker analysis and arrhythmia analysis, Built-in rechargeable battery

### Optional configuration:

ETCO<sub>2</sub>, built-in printer, 2-IBP (Dual invasive blood pressure), wall mount, monitor trolley, +12 volts power supply for ambulance using.

■ SPECIFICATIONS SUBJECT TO BE CHANGED WITHOUT PRIOR NOTICE ■



20610 Manhattan PL. #112  
Torrance, CA 90501, USA  
TEL + 1-310-541-8421  
+ 1-310-324-1350  
FAX + 1-310-943-2271  
E-mail sales@dst-inc.com  
URL www.dst-inc.com