

# Multiparameter Patient Monitors

## NT3 Series



- 6.4", 8.4" High Resolution Color TFT LCD
- 1-8 Channel Waveform Display
- 7 Leads ECG Waveform Display; ST Segment Analysis
- Defibrillation and ESU Protection
- Venous Punch
- Suitable for Adult, Pediatric and Neonate
- Standard Configuration: ECG, NIBP, RESP, TEMP, SpO<sub>2</sub>
- Options: Thermal Recorder, IBP, Central Monitoring Systems

## ECG

ECG cable: 5 Leads ECG Cable  
Lead selection: I, II, III/ aVR, aVL, aVF/V  
Gain (mm/mV): 1/4, 1/2, 1, 2, 4, Manual/Automatic  
Sweep speed (mm/sec): 6.25, 12.5, 25, 50  
Heart rate range: 30~300bpm  
Heart rate accuracy:  $\pm 1$  bpm or  $\pm 1$  %  
ST segment analysis (Diagnostic mode):  
a. ST range: -2.0mV~+2.0mV  
b. ST accuracy:  $\pm 0.02$ mV  
Monitoring mode: Diagnostic 0.05 ~ 100Hz  
Monitoring 0.5 ~ 40 Hz  
Operating 1.0 ~ 25 Hz

## Non-Invasive Blood Pressure

Measurement type: adult, pediatric, neonatal  
Measurement range:

Adult: Systolic 40 ~ 270mmHg  
Diastolic 20 ~ 200mmHg  
Mean 30 ~ 220mmHg

Pediatric: Systolic 40 ~ 180mmHg  
Diastolic 15 ~ 160mmHg  
Mean 20 ~ 170mmHg

Neonatal: Systolic 30 ~ 140mmHg  
Diastolic 15 ~ 100mmHg  
Mean 20 ~ 115mmHg

Accuracy: Meets ANSI/AAMI Sp10 standards  
Over pressure protection

## Pulse Oximetry

SpO<sub>2</sub> measurement range: 0 ~ 100 %  
Pulse rate measurement range: 30 ~ 250 BPM  
Accuracy:  $\pm 2$  %

## Temperature

2 channels  
Measurement range: 25 ~ 45 °C  
Accuracy:  $\pm 0.2$  °C

## Respiration

Measurement range: 0 ~ 120 bpm  
Accuracy:  $\pm 1$  bpm or  $\pm 5$  % (take the greater one)

## Options

### IBP

2 channels  
range: -40 ~ 330mmHg  
Accuracy:  $\pm 4$  mm Hg or  $\pm 4$  % (take the greater one)

### Recorder

Thermal array recorder

### Environment

	Operation	Storage
Temperature	5 ~ 40 °C	-20 ~ 55 °C
Humidity	$\leq 90\%$	$\leq 95\%$

### Power Requirements

Input: 100~240 VAC, 50/60Hz  
Consumption:  $\leq 80$ VA  
Battery: +12VDC rechargeable battery

### Compliance:

1. SpO<sub>2</sub>: ISO 9919
2. Safety Standards: EN 60601-1
3. Alarm: IEC60601-1-8
4. EMC: EN 60601-1-2, Group 1 Class A
5. Environment : WEEE (2002/96/EC)

**SUBJECT TO CHANGE WITHOUT NOTICE**

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