

Multiparameter Patient Monitors

NT3 Series



NT3C10 (10.4")



NT3A (10.4")



NT3B (12.1")

- 10.4", 12.1" 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, SpO₂
- Options: Thermal Recorder, CO₂, 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: ± 1 bpm or ± 1 %
ST segment analysis (Diagnostic mode):
a. ST range: -2.0mV~+2.0mV
b. ST accuracy: ± 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

SpO₂ measurement range: 0 ~ 100 %
Pulse rate measurement range: 30 ~ 250 BPM
Accuracy: ± 2 %

Temperature

2 channels
Measurement range: 25 ~ 45 °C
Accuracy: ± 0.2 °C

Respiration

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

Options

EtCO₂

Measurement range: 0~150mmHg
Accuracy: ± 2 mmHg (0~40)mmHg, $\pm 5\%$ (41~70)mmHg
 $\pm 8\%$ (71~100)mmHg, $\pm 10\%$ (101~150)mmHg
Response time: <3 seconds

IBP

2 channels
range: -40 ~ 330mmHg
Accuracy: ± 4 mm Hg or ± 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: ≤ 80 VA
Battery: +12VDC rechargeable battery

Compliance:

1. SpO₂: 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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