

Patient Monitor



Pacemaker Detection

Potential Participants: Adult, Pediatric, and Neonatal Patients

Exceptional Performnace

The GT-9000 series puts reliable monitoring technologies at your finger tips. With its accurate readings and optimized performance, the GT-9000 series can meet most basic monitoring needs, bringing easy access to high-quality healthcare for everyone.

Features

- Nurse call Function
- SP10 Validated NIBP
- Pacemaker detection
- VGA output (optional)
- Pitch tone (Pulse-tone modulation)
- Built-in rechargeable U-ion battery
- High resolution color TFT-LCD screen
- Dual-mode anti-interference pulse oximetry
- Suitable for adult, pediatric and neonatal patients
- Defibrillation and electrosurgical interference protection
- Unique iSEAP algorithm which is specially optimized for arrhythmia patients



Display Mode



3/5-lead ECG Analysis



OxyCRG for Neonate



Large Font



Trend Screen

Specification

Physical Specification

Device Dimension:
320 mm (L) x 150 mm (W) x 265 mm (H)
Weight: approx. 5 kg

Display

ColorTFT LCD: 12.1"
Resolution: 800x600
Traces Displayed: Up to 8
Waveforms Displayed: Up to 11
Sweep Speed: 6.25, 12.5, 25, 50 mm/s

ECG

Lead Type: 5-lead and 3-lead selectable
Gain: Auto, x 0.125, x 0.25, x 0.5,
x 1, x 2, x 4
Sweep Speed: 6.25, 12.5, 25, 50 mm/s
ECG HR Range:
Adult: 15-300 bpm
Pediatric / Neonate: 15-350 bpm
Resolution: 1 bpm
Accuracy: +1 bpm or +1%
(whichever is greater)
Filter:
Diagnostic Mode: 0.05 ~ 150 Hz
Monitoring Mode: 0.5 ~ 40 Hz
Surgical Mode: 1~20 Hz
ST-Segment Detection:
Measurement Range: -2.0 mV~2.0 mV
Alarm Range: -2.0 mV~2.0 mV



RESP

Method: Trans-thoracic impedance
Operation Mode: Auto/Manual
RR Measurement Range:
Adult: 0~120 rpm
Neonate/Pediatric: 0~150 rpm
Resolution 1 rpm
Apnea Alarm Threshold:
10, 15, 20, 25, 30, 35, 40 s
Band Width: 0.2-2.5 Hz (-3 dB)
Sweep Speed: 6.25, 12.5, 25, 50 mm/s

SpO2

Measurement & Alarm Range:
0~100% (EDAN SpO2)
Resolution: 1%;
Accuracy: +2% (70~100%, AdultU/Pediatric)
+3% (70~100%, Neonate)
PR Measurement:
Resolution: 25-300 bpm 1 bpm
Refresh Rate: 1 second



Specification

NIBP

Method: Automatic Oscillometric

Operation Modes: Manual/Automatic/
Continuous

Auto Measurement Time Interval:
1, 2, 3, 4, 5, 10, 15, 30, 60, 90, 120, 240
480 minutes

Measurement Unit: mmHg/kPa

Measurement Types: Systolic, Diastolic,
Mean, Pressure Range:

Adults:

Systolic: 40~200 mmHg

Diastolic: 10~160 mmHg

Mean: 20~235 mmHg

Pediatrics:

Systolic: 40~200 mmHg

Diastolic: 10~150 mmHg

Mean: 20~165 mmHg

Neonates:

Systolic: 40~135 mmHg

Diastolic: 10~100 mmHg

Mean: 20~110 mmHg

Resolution: 1 mmHg

Accuracy:

Max Mean Error: +5 mmHg

Max Standard Deviation: 8 mmHg

PR from NIBP Measurement Range:
40~240 bpm

Resolution: 1 bpm

Accuracy: 3 bpm or 3.5%
(whichever is greater)

SP10:2002

C02 (By EDAN Instruments, optional) Sidestream

Range: 0~13% (0-100 mmHg)

Accuracy: +2 mmHg < 5.0% C02

<6% of the reading >5.0% C02

Sample Flow Rate: 100~200 ml/min

IBP (2 Channels, optional)

Measurement Pressure:

ART, PA, CVP, RAP, LAP, ICP, P1, P2

Measurement Range: -50~300 mmHg

Resolution: 1 mmHg

Accuracy: +2% or +1 mmHg

(whichever is greater, without probe)

Sensitivity: 5μV/V/mmHg

Impedance Range: 300-3000Ω

Philips Respironics C02 (Optional)

Type: Sidestream/Mainstream

Range: 0~150 mmHg

Accuracy: +2 mmHg 0~40 mmHg,

+5% 41~70 mmHg

+8% 71~100 mmHg

+10% 101~150 mmHg

AwRR Accuracy: +1 rpm

Temperature (2 Channels, 1 probe by default)

Measurement/Alarm Range:

Resolution: 0~50 °C (32-122 °F)

Accuracy: 0.1 °C

Channel: +0.1 °C (without probe)

Dual-channel. Provide T1; T2; ΔT

Thermal Recorder (Optional)

Print Speed: 25, 50 mm/s

Power Supply

AC Power: 100~240 V AC, 50/60 Hz

Battery: 14.8 V Rechargeable Li-ion

Battery