



12.1"



CARDIOTECH GT-9000

PATIENT MONITOR

The GT-9000 series puts reliable monitoring technologies at your i 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

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

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 $\pm 1\%$
(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: $\pm 2\%$ (70~100%, AdultU/
Pediatric)
 $\pm 3\%$ (70~100%, Neonate)
PR Measurement:
Resolution: 25-300 bpm
1 bpm
Refresh Rate: 1 second

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

IBP (2 Channels, optional)

Measurement Pressure:
ART, PA, CVP, RAP, LAP, ICP, P1, P2
Measurement Range: -50~300 mmHg
Resolution: 1 mmHg
Accuracy: $\pm 2\%$ or ± 1 mmHg
(whichever is greater, without probe)
Sensitivity: 5 μ V/V/mmHg
Impedance Range: 300-3000 Ω

Philips Respironics C02 (Optional)

Type: Sidestream/Mainstream
Range: 0~150 mmHg
Accuracy: ± 2 mmHg 0~40 mmHg,
 $\pm 5\%$ 41~70 mmHg
 $\pm 8\%$ 71~100 mmHg
 $\pm 10\%$ 101~150 mmHg
AwRR Accuracy: ± 1 rpm

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

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

SEAMLESS CONNECTIVITY

The Wi-Fi connectivity of the GT-9000 series enables healthcare providers to monitor their patients' health status from almost anywhere. Connecting it with CardioTECH MFM-CMS software, you may log on from any PC/Tablet to and check the status of your patients.



- Proven ruggedness - Solid state design
- Suitable for neonatal patients
- No need to calibrate on a regular basis
- Sidestream sampling rate of 50 ml/min

DISPLAY MODE



3/5-lead ECG Analysis



OxyCRG for Neonate



Large Font



Trend Screen