



GMI Make • Global Share


G3N New

Multi-Parameter Patient Monitor

- 12.1" Flat panel TFT display
- Flat mirror TFT LCD with touch type key


G3D

Multi-Parameter Patient Monitor

- 12.1" color TFT LCD screen



Technical Specification

ECG	
Input	3/5 wires ECG cable
Lead section	I, II, III, aVL, aVF, V
Gain selection	x1/4, x1/2, x1, x2, x4 and automatic
Sweep speed	3.125mm/s, 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s
Heart rate range	15~300bpm
Calibration	±1 mV
Accuracy	±1%
NIBP	
Philosophy	Oscillometric method
Measurement type	Adult, Pediatric and Neonate
Measurement parameter	Systolic, Diastolic, Mean
Measurement method	Automatic, Continuous
Unit	mmHg/kPa selection
Accuracy	±3mmHg or ±2%
SpO2	
Display type	Waveform, Data
Measurement range	0~100%
Accuracy	1%
Pulse rate range	30~250bpm
Accuracy	±1bpm
Resolution	1bpm
Cardiac Output (Option)	
Measuring Method	Thermidulation
Blood temperature measurement and alarm range	23 °C ~ 43 °C
Unit	degrees Celsius °C or Fahrenheit °F
Error	±0.2 °C
Resolution	0.1 °C
Cardiac output measurement range	0.1 L/min ~ 20.0 L/min
Error	±0.2 L/min or ±5%
Anesthesia gas analysis (Option)	
Method	Infrared Absorption
Gas Sorts	CO2, N2O, Des, Iso, Enf, Sev,
Measurement range	CO2 0~30% N2O 0~105% Des 0~30% Iso, Enf, Hal 0~30% Sev 0~30% Des 0~30%
Data input	Fi and Et values
Optional agent mixture detection	
CBBNIBP (Option)	
Method	PPG TRANS TIME
Measurement range	(SYS) 0 ~ 40 kPa, or 0 ~ 300 mmHg
Systolic pressure	(DIA) 0 ~ 26.7 kPa, or 0 ~ 200 mmHg
Diastolic pressure	(MAP) 0 ~ 26.7 kPa, or 0 ~ 200 mmHg
Mean arterial pressure	(MAP) 0 ~ 26.7 kPa, or 0 ~ 200 mmHg
Resolution	1 mmHg
Accuracy	mean difference < 5 mmHg standard difference < 8 mmHg
2-Temperature (Rectal & Surface)	
Number of channel	2 channel
Measurement range	0~50 °C
Resolution	0.1 °C
Display	T1, T2, ΔT
Unit	°C/°F selection
2-Respiration (Impedance & Nasal Tube)	
Measurement range	0~150bpm
Accuracy	±1bpm
Resolution	1bpm
ETCO2-Plug& Play (Option)	
Measurement type	Mainstream stream
Measurement range	0~100mmHg, 0~20kpa
Accuracy	±2mmHg ±5%
Unit	mmHg/kPa selection
Accuracy	±3mmHg or ±2%
2-IBP (Option)	
Measurement range	-10~300mmHg
Number of channel	2 channel
Accuracy	±1mmHg or ±2%
Pressure tag	ART, CVP, RVP, LAP, RAP, PAP, ICP, LVP
12 LEADS ECG (Option)	
Input	3/5/10 wires ECG cable
Leads Selection	I, II, III, AVR, AVL, AVF, V1 ~ V6
Sweep Speed	6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s
Heart Rate Range	15~380 bpm
Calibration	±1 mV
Defibrillation Synchronization (Option)	
The farthest delay time	35ms (R crest to pulse rising)
AMP High level	3.5~5V, the max provide 1mA
AMP Low level	< 0.5V, the max receive 5mA
Pulse width	100~10%
Output impedance	Rating 50Ω
Rise and drop time	No more than 3 ms
Power Requirement	
Working voltage	100~240 VAC, 50/60 Hz
Power rate	80 VA
Battery backup	3 hours as option

Standard configuration:

ECG+NIBP+SpO2+TEMP+RESP+HR/PR+Battery

Optional configuration:

12 Leads ECG	Suntech NIBP	Etco2	Defibrillation Synchronization	CBBNIBP	Thermal Printer
Nellcor SpO2	Masimo SpO2	2-IBP	Anesthesia Gas Analysis	Wireless Network	Wall Mount
Cardiac Output	Touch Screen	Carry bag	12-Volt Power Supply	High energy battery	Moving Cart

- Adjustable lightness and volume; display multi-channel real time waveform & trend diagram simultaneously.
- Low-power consumption design with standby mode, rechargeable high-energy built-in battery.
- "Auto-current drift balanced system", the unique patent of impedance RESP, ensure the accuracy of RESP.
- User-friendly man-machine dialogue interface with pop-up menus, dialogue boxes, knob and etc.
- Unique patent GSA[®] in against electro-surgical interface; either in cutting or in burning, ECG waveform and HR won't be influenced.
- Goertzel arithmetic ensures fast & accurate NIBP & realizes venipuncture.
- ST-segment analysis, bed-to-bed view, venipuncture, pace-maker, drug calculation and 23-type arrhythmia analysis.
- Unique patent GAA261[®] of ECG sync make fast defibrillation recovery accurate and stable display of ECG waveform & HR.
- Unique nasal tube respiration test method (suitable for burnt & upper airway obstruction patient and new-born).

Feature

- Audible & visual alarm and adjustable alarm limits.
- Trend data storage, up to 360 hours.
- Printing of data, waveform, trend tables and trend diagrams.
- Humanized operation interface: Multi-language available.
- Streamlined outline design with foldable handle.
- Suitable to adults, pediatrics and neonates; widely used in physicians's office, OP/OT, ICU, CCU, NICU, clinics etc.
- WAN communication function to network with central monitoring system and make long-distance monitoring, diagnosis, maintenance and software upgrade possible.
- Support wired/ wireless networking, HL7 system compatible.
- Display Oxy CRG and 7-lead ECG waveform simultaneously, big-font mode, 5 kinds of user-defined display format.

