



Monitoring Expert. General Meditech



# G3F

General Meditech  
Multi-Parameter Patient Monitor



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## Multi-Parameter Patient Monitor



### Specifications

ECG	
ECG input	5-lead ECG cable
ECG lead	I, II, III, aVR, aVL, aVF, V
Gain choice	×1/4, ×1/2, ×1, ×2, ×4 and auto
Scanning speed	6.25mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s
Heart rate range	15-380BPM ECG calibration 1mV
Frequency response	0.05-100Hz Heart rate accuracy ± 1%

NIBP	
Test principle	Automatic oscillometric
Patient types	Adult, pediatric and neonate
Measurement parameters	systolic, mean, diastolic
Measurement type	Manual, automatic and continuous
Measurement range	10-300mmHg
Units of measurement	mmHg/Kpa Optional
Accuracy	± 2 mmHg

SpO <sub>2</sub>	
Display	Waveform and digits
Measurement range	0-100% Resolution 1%
Pulse rate range	30-250BPM accuracy ± 2%
Resolution	1BPM

Body temperature	
Temperature range	25.0-45.0°C Display T1, T2, ΔT
accuracy	± 0.1°C

Respiration	
Thoracic impedance or nasal tube (selectable)	
Measurement range	0-120BPM accuracy ± 1BPM
Resolution	1BPM

CO <sub>2</sub> : (Optional)	
Measurement type	side stream
Measurement range	0%-10.0%
Accuracy	± 2mmHg

Power requirements 90-264VAC, 50/60Hz

### Characteristics

- Super ability in against electrosurgical interference. Neither in cutting nor in burning, the ECG waveform and HR can be influenced. Very short recovering time after defibrillation. Especially suitable for use in emergency or operating room.
- Unique thoracic impedance plus nasal tube double mode respiration test method, suitable to different situation.
- Displayer: 10.4" color TFT LCD screen with maximum 7-waveform display. Lightness and volume are adjustable continuously.
- Streamlined outline design with sense of the times; fold handle makes carrying easy.
- Multi-language operation interface include Chinese, English, Spanish, Portuguese, French, Arabic, Russian, etc.
- User-friendly and man-machine dialogue interface including pop-up menus, dialogue boxes, rotary mouse and etc.
- Low-power design with stand by mode, rechargeable high-energy built-in battery.
- Fast and accurate measurement of blood pressure, a function of venipuncture.
- Using advanced digital technology, accurately measure the SpO<sub>2</sub> in low perfusion situation.
- Huge history trend data storage, up to 360 hours.
- Drug-concentration calculation, ST-segment detection, pace-maker analysis and arrhythmia analysis.
- 5 kinds of fixed display format available include OxyCRG diagram, 7-lead ECG waveform simultaneously, big-font mode and etc; 5 kinds of customized display format can be defined and restored by user.
- Audible & visual alarm available and alarm limits are adjustable.
- Suitable for adults, pediatrics and neonates.
- Applications in hospital like emergency pre-and post-operative care, theater/operating room, intermediate care/step down units, labor and delivery, hospital-based special procedure areas and outdoor ambulance surgery.
- WAN communication function to network with central monitoring system and make long-distance monitoring, diagnosis, maintenance and software upgrade possible.
- Optional printing function of data, waveform, trend tables and trendgraphs.
- Optional CO<sub>2</sub> detection function.

#### Standard configuration:

ECG, HR, NIBP, SpO<sub>2</sub>, RESP, TEMP, Drug-concentration calculation, ST-segment detection, pace-maker analysis and arrhythmia analysis, Built-in rechargeable battery

#### Optional configuration:

ETCO<sub>2</sub>, built-in printer, 2-IBP (Dual invasive blood pressure), wall mount, monitor trolley, +12 volts power supply for ambulance using.



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