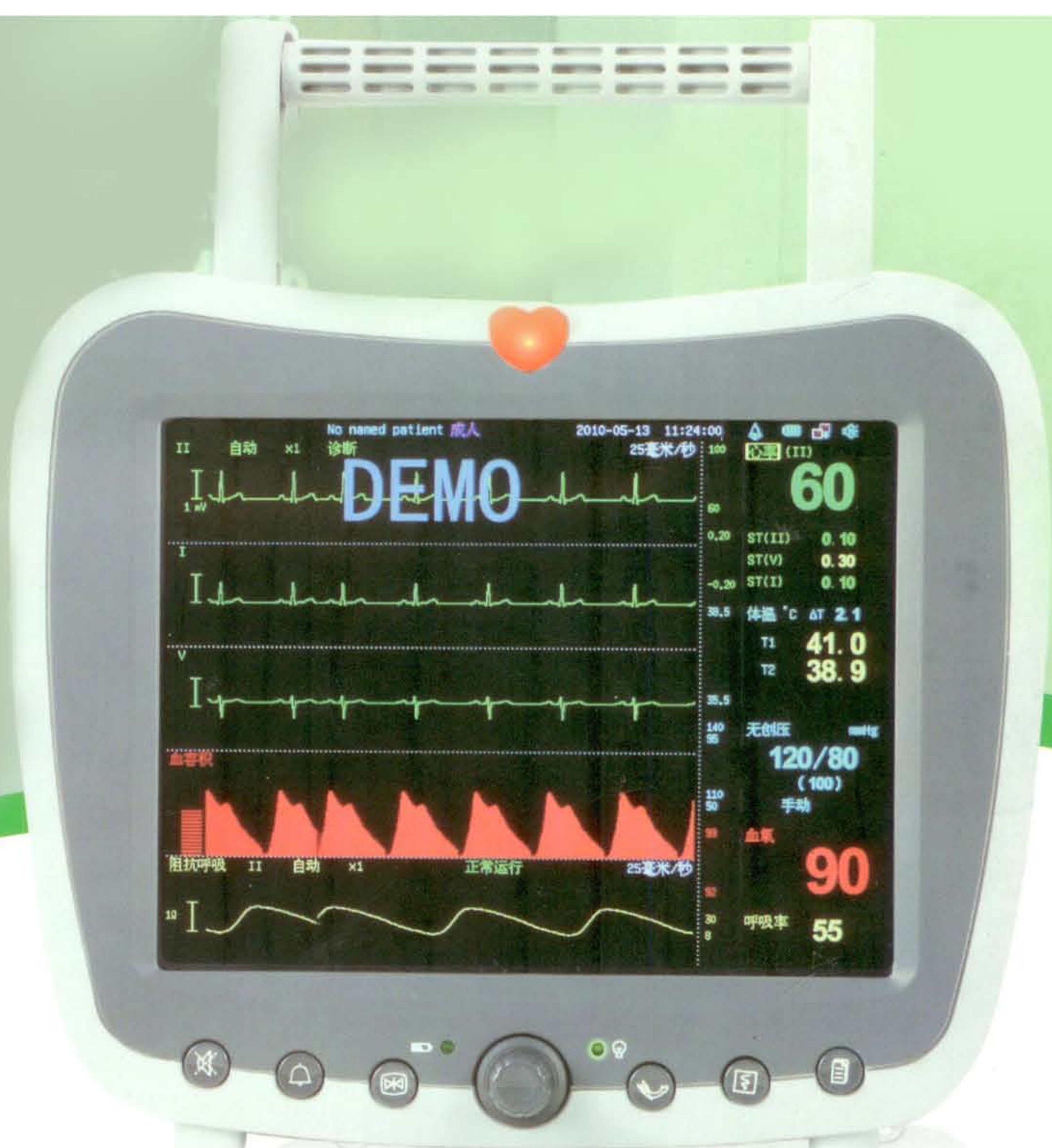# Super View Plus 8.4 INCHES

G3H

G3H

Specification of G3H Patient Monitor

Characteristics

◣ Super ability in against electrosurgical interference. Neither in cutting oor in buming, 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: 8.4″ color TFT LCD screen with maximum 7-waveform display. Lightness and volume are adjustable continuously.

◣ Streamlined outline design with sense of the times; fold able handle makes carrying easy.

◣ multi-language interface selection: English, Spanish, Portuguese, Polish,French, Chinese, Arabic, Russian, Italian, Turkish, 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_2 in low perfusion situation.

◣ Huge history trend data storage, up to 360 hours.

◣ Drug-concentration calculation, ST-segment detection 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 per-and post-operative care, theater\operating room, intermediate care, labor and delivery, hospital-based special procedure areas and outdoor ambulancesurgery.

◣ 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.

Specifications

ECG
Input: 3 wires /5 wires ECG cable
Lead section:I,II,III/ I,II,III, aVR, aVL, aVF,V
Gain(mm/mV): 1/4,1/2,1,2,4
Sweep speed(mm/sec): 6.25,12.5, 25, 50
Heart rate range: 15-300 BPM
Heart rate accuracy: ±1 %
ST segment deviation analysis

NIBP (Non-invasive blood pressure)
Measurement type : adult, pediatric, neonatal
Measurement range: Systolic 4.0 - 37.0 kPa
Diastolic 1.3 - 33.0 kPa
Mean   2.6 - 35.0 kPa
Accuracy: ± 0.4 kPa or 5 %
Resolution: 0.1 kPa
Tourniquet function

Temperature (surface and rectal)
Measurement range: 25.0-45.0 ℃
Accuracy: ±0.1℃
Resolution: 0.1 ℃ (I,II,III selectable impedance and nasal cavity)
response time: ≤3 min.
Respiration Rate
Measurement range: 0 - 120 BPM
Accuracy: ±1 BPM or 5 %
Resolution: 1 BPM

Pulse Rate
SpO_2measurement range: 0-100 %
Resolution: 1 %
Pulse measurement range: 30- 250BPM
Accuracy: ±2 %
Resolution: 1 BPM

IBP(Invasive blood pressure) (Option)
Measurement range: -1.3~40kPa (-10~300mmHg)
Channel: 2 channels
Transducer sensitivity: 5MV/V/mmHg
Unit display: KPa or mmHg selectable

ETCO₂(main/side stream type) (Option) -Plug&Play
Measurement range:0-150 mmHg
(Barometric pressure supplied by Host)
Accuracy: 0- 40 mmHg ±2mmHg
41-70 mmHg ±5% of reading
71-100mmHg ±8% of reading
101-150mmHg ±10% of reading
Above 80 breath per minute ±12% of reading
Sample rate:50ml/min
Response time:< 3 seconds-includes transport time and rise time

Cardiac Output (Option)
Meathod: thermodilution
Measurement range: CO:0.1-20.0 L/min
TB:23-43 ℃
TI:0-27 ℃
Resolution: CO:0.1 L/min
TI:0.1 ℃
TB:0.1 ℃
Accuracy: CO: ± 0.2 L/min or ±5%
TB: ± 0.2℃
TI: ± 0.2℃
Parameter output:
Cardiac output Hemodynamics calculation

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

Safety standard: IEC 60601-1   Quality System: ISO13485: 2003
Product Certificate:CE,FDA