



## Technical Specifications

### 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 Manual 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  
SpO2 resolution 1bpm

### Cardiac Output (Option)

Measuring Method: thermolulution  
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: 0.1L/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, Hal and optional O2  
Measurement range: CO2: 0~30% N2O:0~105% O2: 0~105%  
Iso, Enf, Hal: 0~30% , Sev : 0~30% Des: 0~30%  
Data input: Fi and Et values  
Agent mixture detection

### CBBNIBP (Option)

Method: PPG TRANS TIME  
Measurement range: Systolic pressure (SYS) : (0~40) kPa, or (0~300) mmHg  
Diastolic pressure (DIA) : (1.3~26.7) kPa, or (10~200) mmHg  
Mean arterial pressure (MAP) : (2.7~29.3) kPa, or (20~220) mmHg  
Resolution: 1 mmHg  
Accuracy: mean difference: <5mmHg ; standard difference: <8mmHg

### 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 0~156bpm  
Accuracy ±1bpm  
Resolution 1bpm

### ETCO2-Plug& Play (Option)

Measurement type main/side stream  
Measurement range 0%~19.7% ; 0~150mmHg ; 0~20kpa  
Accuracy 0~40mmHg ±2mmHg  
41~70mmHg ±5%  
71~100mmHg ±8%  
101~150mmHg ±10%

### 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: 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 output electricity  
Low level: <0.5V, the max receive 5mA output electricity  
Pulse width: 100±10%  
Output impedance: Rating 50Ω  
Rise and drop time: No more than 3 ms

### POWER REQUIREMENT

Working voltage 100~240VAC, 50/60Hz  
Power rate 80VA  
Battery backup 3 hours as option



## Recovery G5

Multi-Parameter Patient Monitor



## Character

- 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 in against electrosurgical interface; either in cutting or in burning, ECG waveform and HR won't be influenced.
- Goertzel arithmetic ensures fast and accurate NIBP, and realizes venipuncture.
- ST-segment analysis, bed-to-bed view, venipuncture, pace-maker, drug calculation and 23-type arrythmia analysis.
- Unique pater 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, OR/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.
- 12.1" color TFT LCD screen, adjustable lightness and volume; display multi- channel real time waveform & trend diagram simultaneously.

## To configure

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