Oxfford Medical Group

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Recovery G6

Multi-Parameter Patient Monitor

- 15″ color TFT LCD screen”
- applicable in physician’s office, OR/OT, ICU, CCU, NICU, clinics etc.

Remote controllable

Recovery G4

Multi-Parameter Patient Monitor

- 8.4″ color TFT LCD screen
- applicable in physicians’s office ,NICU, EMS, ambulance, clinics etc.

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, ensures 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 arrhythmia analysis.
- Unique patent 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.
- 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.
- Adjustable lightness and volume; display multi- channel real time waveform & trend diagram simultaneously.

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 measurement
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

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

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

2-Temperature (Rectal & Surface)

Number of channel 2 channel
Measurement range 0~50℃
Resolution 0.1 ℃
Display T1, T2, ΔT
Unit ℃/℉ 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/4-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

Cardiac Output (Option)

Measuring Method: thermodilution
Blood temperature measurement and alarm range: 23 ℃～43℃
Unit: degrees Celsius ℃ or Fahrenheit ℉
Error: ±0.2 ℃
Resolution: 0.1℃
Cardiac output measurement range: 0.1L/min ～ 20.0 L/min
Error: ±0.2 L/min or ±5%

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

To configure

Standard configuration:

Recovery G4	ECG+NIBP+SpO2 +TEMP+RESP +HR/PR +Battery
Recovery G6	ECG+NIBP+SpO2 +TEMP+RESP +HR/PR +Battery + Remote control

Model	12-Lead ECG	Suntech NIBP	2-IBP	Etco2	Nellcor Spo2	Masimo Spo2	Touch Screen	Thermal Printer	Moving Cart	Wall Mount	Wireless Network
Rec. G4	No	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Rec. G6	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Model	Cardiac Output	CBBNIBP	4-IBP	Carry Bag	Defibrillation Synchronization	Anesthesia Gas Analysis	12 Volts Power Supply	High energy battery
Rec. G4	No	No	No	Yes	Yes	No	Yes	Yes
Rec. G6	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes