



Mounting Solution Trolley and wall hanger meet clinical requirements of different medical environment

CAPNOSTAT5 LoFlo sidestream module mainstream module

EtCO2 (Respironics) "Plug and Play"



Wire / wireless network solution Bi-directional communications with central monitor station by wire / wireless network Nurse Call

# Feature

- 12.1 inches high resolution color TFT display;
- Optional full touch-screen and handwriting for easy operation;
- · Attractive and durable silicon button with backlight;

Alarm limit display

- 20 types of ventricular arrhythmia and S-T segment analysis;
- Optional 12-lead ECG for easy diagnosis and analysis;
- Maximum 480-hour graphic and tabular trends, 700 pieces NIBP record storage, 2-hour ECG waveform review;

120/80 (93)

- Selectable color configuration for all parameters (32 colors);
- SpO<sub>2</sub> pulse-tone modulation;
- · Self checking when power on;

- Anti high-frequency electrotome and defibrillation protection to meet different working environments;
- USB and serial ports enable abundant future upgrades, which also support keyboard and mouse device.

Standard configuration: ECG, HR, RESP, NIBP, SpO<sub>2</sub>, TEMP Options: 12-lead ECG, EtCO<sub>2</sub>, 2-IBP, anesthetic depth, touch screen, trolley, wall mounting, recorder, VGA, nurse call, central monitoring system, accessories for pediatrics and neonates



Trend graph monitoring co-display



Hand writing



7-lead full screen display



7-lead half screen display



12-lead full screen display



OxyCRG monitoring display



Large font intensive care display



Bed to bed view display



Drug dose calculation

## Specifications: Dimension and Weight Dimension: 310 mm(L) × 163 mm(W) × 285 mm(H) Weight: 4.8 kg Operation Environment Power requirement: AC: 100V—240V 50 Hz / 60 Hz Internal battery power supply: Rechargeable Li-ion battery 14.8 V 4400mAh Battery working period: up to 10 hours Temperature: 0°C — 40°C Humidity: ≤85% Patient Range Adult, pediatric and neonate Configuration Display: 12.1" high resolution color TFT Resolution: 800 × 600 Brightness of LCD display: 10 levels adjustable Waveforms: up to 13 Various working interface selectable: standard monitoring display large font intensive care display trend graph / monitoring co-display bed to bed view display 7-lead half screen display 7-lead full screen display 12-lead full screen display OxyCRG monitoring display drug dose calculation

### Thermal Recorder

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Built-in, direct thermal pixel array recorder
Up to 3 channels printing, 1, 2, 3 channels selectable
Print speed: 12.5 mm/s: 25 mm/s: 50 mm/s
Paper size: 50 mm×20 mm
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user-defined interface

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Type of alarm: auditory, visual and character alarm, low, medium and high 3 levels
ST segment analysis: yes
Arrhythmia analysis: 20 types
Pacer pulse analysis: yes
Type of filter: monitor diagnostic surgical
Trend graph: 72-hour (short trend), 480-hour (long trend), storage when power off
Event recall: 700 pcs event recall
NIBP data storage: more than 1000 pcs
Holographic waveform: 2 min
Nurse call function: support
Network: wire and wireless
Standard Configuration
Lead type: 3-lead and 5-lead selectable, 12-lead optional
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Lead selection: 3-lead: I, II, III, 5-lead: I, II, III, aVR, aVF, aVL

Sweep speed: 6.25 mm/s; 12.5 mm/s; 25.0 mm/s; 50.0 mm/s

Gain selection: ×1/8, ×1/4, ×1/2, ×1, ×2, ×4, auto

12-lead: I, II, III, aVR, aVF, aVL, V1-V6

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Adult: 15 bpm - 300 bpm
Pediatric / Neonate: 15 bpm - 350 bpm
Resolution & accuracy: ±1 bpm
Filter: diagnostic mode: 0.05 Hz-100 Hz
      monitoring mode: 0.5 Hz-25 Hz
      surgical mode: 1 Hz-15 Hz
Type of arrhythmia analysis: 20 types
```

```
Measurement range: (-2.0 mV) — (+2.0 mV)
Accuracy: (-0.8mV) — (+0.8mV): ± 0.02mV or ±10% whichever is greater
Method: trans-thoracic impedance
RR measurement rage: adult: 0 rpm — 120 rpm
                     neonate / Pediatric: 0 rpm - 150 rpm
Resolution: 1 rpm
Apnea alarm threshold: 0s, 15s, 20s, 25s, 30s, 35s, 40s
Band width: 0.2 Hz-2 Hz (-3 dB)
Sweep speed: 6.25 mm/s; 12.5 mm/s; 25.0 mm/s
Sensitivity: ×1 /4, ×1/2, ×1, ×2, ×4, auto
Accuracy: ±2 rpm
Method: automatic oscillometric
Operation modes: manual / automatic / continuous
Resolution: 1 mmHg
Auto measurement time interval: adjustable1 min, 3 min, 5 min, 10 min, 15 min,
                               30 min. 45 min. 1 h. 2 h. 3 h. 5 h. 8h
Measurement types: systolic, diastolic, mean
Pressure range for adults: systolic: 40-270 mmHg
                        diastolic: 10-210 mmHg
                        mean: 20-230 mmHg
Pressure range for pediatrics: systolic: 40-200 mmHg
                            diastolic: 10-150 mmHg
                            mean: 20-165 mmHg
Pressure range for neonates: systolic: 40-135 mmHg
                            diastolic: 10-100 mmHg
                            mean: 20-110 mmHg
Leak test and pressure auto calibration: ves
Over-pressure protection: dual safety protection
Measurement & alarm range: 0%-100%
Resolution: 1%
Accuracy: ±2% (70%-100%)
PR measurement and alarm range: 25 bpm—250 bpm
Resolution: 1 bpm
Accuracy: ±3 bpm
Temperature (2 channels)
Measurement / Alarm range: 0°C-50°C (32°F-122°F)
Resolution: 0.1°C
Accuracy: ±0.1°C
Channel: 2-channel
Optional Configuration:
Measured parameters: systolic pressure, diastolic pressure, mean pressure,
                     pulse rate
Measurement pressure: ART, PA, P1, P2, LAP, RAP, ICP, CVP
Measurement range: -10-300mmHg
Accuracy: ±2% or 1mmHg whichever is greater
Resolution: 1mmHg
Calibration accuracy range: ±150 mmHg
Calibration accuracy: ±1 mmHg
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Respironics Sidestream LoFlo Module ( can support microstream ):
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Measurement mode: sidestream Measurement range: 0 %-19.7 % (0 mmHg -150 mmHg) Resolution: 1 mmHg Measurement accuracy: 0 mmHg-40 mmHg, ±2 mmHg 41 mmHg—70 mmHg , ±5% 71 mmHg—100 mmHg , ±8% 101 mmHg-150 mmHg , ±10% Respiration rate measurement range: 2 rpm-150 rpm Respiration rate measurement accuracy: ±1 rpm Apnea alarm delay: 20s, 25s, 30s, 35s, 40s, 45s, 50s, 55s, 60s Sampling flow rate: 50ml/min ± 10ml/min

### Respironics Mainstream CAPNOSTAT5 Module

Measurement mode: mainstream, sidestream, microstream Measurement range: 0%—19.7 % (0 mmHg —150 mmHg) Resolution: 1mmHg Measurement accuracy: 0 mmHg-40 mmHg, ±2 mmHg 41 mmHq-70 mmHq . ±5% 71 mmHg—100 mmHg , ±8% 101 mmHg-150 mmHg, ±10% Respiration rate measurement range: 0 rpm-150 rpm Respiration rate measurement accuracy: ±1 rpm Apnea alarm delay: 20s. 25s. 30s. 35s. 40s. 45s. 50s. 55s. 60s

### Phasein Mainstream IRMA Module

Measurement range: 0%-15% Resolution: 1mmHa Accuracy: 0-15vol% Respiration rate measurement range: 0 rpm-150 rpm Respiration rate measurement accuracy: ±1 rpm Apnea alarm delay: 20s, 25s, 30s, 35s, 40s, 45s, 50 s, 55s, 60s

### **CPT Sidestream Module**

Measurement range: 0%-13% Respiration rate measurement range: 3 rpm-60 rpm Apnea alarm delay: 30s, 35s, 40s, 45s, 50 s, 55s, 60s Accuracy: <5.0% CO2(ATPS): ±3mmHg

## CSI / IOC Anesthetic Depth Index Monitoring

Anesthetic depth index: 0-100, filter: 6Hz-42Hz Wireless transmission range: more than 8m between main unit and submachine CMRR: >140dB Input impedance: >50Mohm

EEG sensitivity: ±400µV EMG: 0-100 (filter: 75Hz-85Hz)

CMRR: >100dB

Anesthetic depth index: 0-100 Wireless transmission range: more than 8m between main unit and submachine

Input impedance: >50Mohm EEG sensitivity: ±475µV EMG: 0-100 Alarm spec: CSI/loC max: 2-100 CSI/IoC min: 0-98 Accuracy: ±2

ETCO2 (mainstream, sidestream, microstream)

By RESPIRONICS, PHASEIN, CPT technology

Refresh rate: 1s



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