BS-5208
Multi-Parameter Patient Monitor

>Features:

- 12.1'LCD display, high resolution,
- Large number display for long distance vision
- 12-lead ECG waveform display in the same screen
- Up to 66 beds network capacity to connect with HIS
- 168 hours tabular and graphic trends & data storage
- Drug dose calculation
- OXYCRG software
- Bed to bed view
- Digital SPO2 technology offers anti-motion and anti-low perfusion functions

>Specification:

Safety: IEC60601 (GB9706)
Dimension: 340mm (W) x 230mm (H) x 270mm(D)
Power Supply : 100~240V; AC: 50~ 60 Hz
Alarm Indication: Visual and audible alarm
1800 groups of alarm events review
Application: Adult, Pediatric and neonate

ECG
Leads: I, II, III, aVR, aVL, aVF, V1-V6
Gains: 2.5mm/mV, 5mm/mV, 10mm/mV, 20mm/mV, 40mm/mV, auto
Input impedance: ≥5MΩ (d.c.~60Hz)
Common Mode Rejection Ratio: ≥85dB(diagnostic mode)
≥105dB(monitoring & surgical mode)
Bandwidth: 0.5-40Hz (monitoring mode); 0.05-120Hz(diagnostic mode)
      1-25Hz (surgical mode)
Protection: Segregation breakdown voltage 4000VAC, 50/60Hz
Resistant to high-frequency electrotome, myoelectricity, AC, drifting interference
Indication of Detachment of electrodes: Available
Playback of Cardiogram: Available
Scanning Speed: 12.5mm/s, 25mm/s, 50mm/s
Heart Rate Range:10-300BPM
Accuracy: ±1BPM
ECG waveform playback: 30 minutes

NIBP
Method: Automatic oscillometric
Operation Modes: Singles (manual), Cycle (automatic), Rapid (continuous)
Measurement : Systolic pressure/diastolic pressure/mean pressure
Range: Adult: 10-270mmHg
Pediatric: 10-235mmHg; Neonate: 10-135mmHg
Unit: mmHg / KPa selectable
Auto Measurement: 1,2,3,4,5,10,15,20,30,45,60,90 minutes, 2,4,8, hours
1000 groups of NIBP measuring data review

RESP
Method: Impedance Measurement
Measuring Range: 0-120bpm
Alarm Limit: 0-120bpm, upper and lower limit continuously adjustable
Apnea alarm: Available

Digital SPO2 (Pulse Oximetry)
Range: 0-100%
Accuracy: ±2% (70%~100%); ±3%(35%~ 69%)
Unspecified (0~34%)
Range & Accuracy of Pulse Rate : 25~250BPM ± 1BPM

TEMP
Channel : 2 channels
Range : 0~50℃
Unit : Celsius, Fahrenheit
Resolution : 0.1℃
Accuracy : ±0.1℃ (25℃~50℃)
Alarm Range : 0~50℃

Control Panel   **Printer**   **Parameters Interface**   **Top Handle**

IBP
Channel : 2 channels
Range : -50~300 mmHg
Resolution : 1 mmHg
Accuracy : ±2 mmHg (±2%) without probe; ±4 mmHg (±2%) with probe
Unit : mmHg , Kpa
Converter sensitivity: 5 uV/V/mmHg
Names of pressures: ART/PA/CVP/LAP/RAP/ICP

EtCO2 (side stream)
Method: Infrared spectrum
Range: 0.0-13.1%
Resolution : 1 mmHg (0.1%)
Accuracy : <5% EtCO2, ±0.3%; >5% EtCO2, <10%(of Readings)

EtCO2 (main stream)
Method: Infrared spectrum
Range: 0.0-10% (0-76mmHg)
Resolution : 1 mmHg (0.1%)
Accuracy : 5% (±4.0 mmHg) or <10%(of Readings)

Rear Part

IRMA multi-gas (main stream)
Measure method: Infrared spectrum
Fi and ET values: CO2，N2O，O2，agent (HAL, ISO, ENF, SEV, DES)
Resolution: 1mmHg
Unit: %, mmHg
Calibration: Room air calibration performed automatically when changing airway adapter (<5 sec)
Warm-up time: 5 s
Measuring and alarm range of multi-gas:
CO2: 0-10 % ,±0.3% or ±6% of reading, whichever is greater
N2O: 0-100 %, ±2% or ±8% of reading, whichever is greater
O2: 0-100 %, ±3 %
HAL, ISO, ENF: 0-5%, ±0.15% or ±8% of reading, whichever is greater
SEV: 0-8%, ±0.15% or ±8% of reading, whichever is greater
DES: 0-18%, ±0.15% or ±8% of reading, whichever is greater
Respiration rate Measuring alarm range and accuracy: 3~100 bpm, ±1 bpm
Alarm indication: Sound and light indication

Environment Conditions:
Temperature: Operation 0℃-40℃
Storage / Transportation : -20℃-50℃

Humidity:
Operation: ≤85% non-condensing
Storage / Transportation : ≤93% non-condensing

Atmospheric Pressure:
Operation: 860~1060hPa,
Storage / Transportation : 500~1060hPa

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Standard configuration:
ECG , HR, RESP, NIBP, SPO2, RR, TEMP, Battery

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Major Options:
1.   2-TEMP,
2.   2-IBP,
3.   Nellcor SPO2 ,
4.   EtCO2(side stream, main stream),
5.   Multi-gas/O2,
6.   Thermal Recorder

Monitor Stand

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