

BS-5205

5-Parameter Patient Monitor



> Features:

- 5 Standard Parameters: 3 or 5 Lead ECG, RESP, Digital SPO2, NIBP, TEMP
- 7" TFT LCD display, big figure and User-friendly operational window
- Digital SPO2, high capacity against interference of ESU, motion & low infusion
- 60-Second full disclosure of ECG playback
- Wireless or wire communicable with central station system
- Isolated against defibrillation effect
- Built-in rechargeable battery
- Drag calculation
- Optional: 2 TEMP, Thermal recorder, NELLCOR SPO2,

> Specification:

Technical specifications

Safety: IEC60601 (GB9706)
 Dimension: 256mm (W) x 209mm (H) x 185mm (D)
 Weight: 4 Kg (with battery)
 Power Supply: 100~240V; AC: 47~ 63 Hz; 12 VDC
 Alarm Indication: Visual and audible alarm

ECG

Leads: I, II, III, aVR, aVL, aVF, Cx
 Gains: 2.5mm/mV, 5mm/mV, 10mm/mV, 20mm/mV, 40mm/mV, auto.
 Input impedance: $\geq 5M\Omega$ (d.c.~60Hz)
 Common Mode Rejection Ratio: $\geq 85dB$ (diagnostic mode)
 $\geq 105dB$ (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 electrocute, myo-electricity, 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: $\pm 1BPM$

NIBP

Method: Automatic oscillometric
 Operation Modes: Singles (manual), Cycle (automatic), and Rapid (continuous)
 Measurement: Systolic pressure/diastolic pressure/mean
 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, 12 hours
 600 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: $\pm 2\%$ (70%~100%);
 $\pm 3\%$ (35%~ 69%)
 Unspecified (0~34%)
 Range & Accuracy of Pulse Rate : 25~250BPM $\pm 1BPM$

TEMP

Channel: 2 channels
 Range: 0~50°C
 Unit: Celsius, Fahrenheit
 Resolution: 1mmHg
 Accuracy : $\pm 0.1^\circ C$ (25°C~50°C)

Environment Conditions

Temperature:
 Operation 0°C-50°C
 Storage / Transportation : -40°C-70°C
 Humidity:
 Operation: 10%~95%, non-condensing
 Storage / Transportation: 0%~93% non-condensing
 Atmospheric Pressure:
 Operation: 700~1060hPa,
 Storage / Transportation: 500~1060hPa

Standard configuration

ECG, HR, RESP, NIBP, SPO2, RR, TEMP, Battery

Option

2-TEMP, Thermal Recorder, Nellcor SPO2

* Specification subject to be changed without notice