

M8000

Multi-Parameter Patient Monitor

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M8000

Multi-Parameter Patient Monitor

FEATURES:

- ★ 10.4" LCD display, high resolution
- ★ 7 lead ECG Waveform display in the same screen
- ★ Large number display for long distance vision
- ★ Digital SPO₂ technology offers anti-motion and anti-low perfusion functions
- ★ up to 66 beds network capacity to connect with HIS
- ★ 120 - hour tabular and graphic trends & data storage
- ★ Drug dose calculation
- ★ OXYCRG software

Technical Specifications

- ★ Safety: IEC60601(GB9706)
- ★ Dimension: 318mm(W) × 264mm(H) × 152mm(D)
- ★ Power Supply: 100-240V AC50Hz/60Hz
- ★ Alarm Indication : Visual and audible alarm
- ★ 1000 groups of alarm events review
- ★ Application: Adult, pediatric and neonate

ECG

- ★ Leads: I, II, III, aVR, aVL, aVF, V
- ★ Gains: 2.5mm/mv, 5mm/mv, 10mm/mv, 20mm/mv, 40mm/mv, auto
- ★ Input impedance: ≥5MΩ
- ★ Common Mode Rejection Ratio: ≥100dB
- ★ 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: 10 minutes

NIBP

- ★ Method: Automatic oscillometric
- ★ Operation Modes: Single(manual), cycle(automatic), 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
- ★ 750 groups of NIBP measuring data review

RESP

- ★ Method: Impedance Measurement
- ★ Measuring Range: 0-120bpm (max. 120 bpm)
- ★ Alarm Limit: 0-120 bpm, upper and lower limit continuously adjustable
- ★ Apnea alarm: Available

SPO₂ (Pulse Oximetry)

- ★ Digital SPO₂ technology
- ★ Range: 0-100%
- ★ Accuracy: ±2% (70-100%), ±3% (35-69%)
- ★ Range of Pulse Rate: 20-250BPM ±1BPM

TEMP

- ★ Channel: 2 channels
- ★ Range: 0-50°C
- ★ Unit: Celsius, Fahrenheit
- ★ Resolution: 0.1°C
- ★ Accuracy: ±0.1°C (25°C-50°C)
- ★ Alarm Range: 0-50°C

IBP

- ★ Channel: 2 channels
- ★ Range: -50-300 mmHg
- ★ Resolution: 0.1°C
- ★ Accuracy: ±2mmHg (±2%) without probe
±4mmHg(±2%) with probe
- ★ Unit: mmHg, Kpa
- ★ Converter Sensitivity: 5μV/V/mmHg
- ★ Names of Pressures: ART/PA/CVP/LAP/RAP/ICP

EtCO₂(Side stream)

- ★ Method: Infrared spectrum
- ★ Range: 0.0-13.1%
- ★ Resolution: 1mmHg (0.1%)
- ★ Accuracy: <5% Etco₂, ±0.3%
>5% Etco₂, <10% (of Readings)

EtCO₂(mainstream)

- ★ Method: Infrared Spectrum
- ★ Range: 0.0-10% (0 ~ 76 mmHg)
- ★ Resolution: 1mmHg (0.1%)
- ★ Accuracy: 5% (±4.0 mmHg) or <10% (of Readings)

Standard configuration

- ★ ECG, HR, RESP, NIBP, SPO₂, PR, TEMP, Battery

Option

- ★ 2-TEMP, 2-IBP, Recorder, EtCo₂ (side stream, main stream), Nellcor SPO₂



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