

TECHNICAL SPECIFICATION:

M9500



General:

Size and Weight

- Size 366mm×335mm×172mm
- Weight 5.5 kg

Display

- 15" Color TFT-LCD
- Resolution 1024×768 pixels or higher

Power supply

- Power Voltage AC 100-240V 50/60Hz
- Power Input ≤100VA
- Input Current:1.0-0.45A
- Safety class: Category I

Battery

- Type : Rechargeable Lithium Battery
- Charge time: ≤6 hours
- Operating time under the normal use and full charge: ≥120 minutes

Thermal Recorder (Option)

- Method: Thermal dot array
- Paper width: 50 mm (1.97 in)
- Paper Speed: 12.5/25/50 (mm/sec)
- Traces Maximum: 3 tracks

System output

- Ethernet Network standard RJ45 socket
- WiFi 2.4G(option)
- Nurse call
- Analog Output(ECG or IBP)Option
- Defibrillation Output: Option

Alarm

- Three Level : Low, medium and high
- Indication: Auditory and visual
- Setup: Default and custom
- Silence: All alarms can be silenced
- Volume: 45-85 dB measured at 1 meter

Trend

- Store & review 168 hours trend data and trend maps
- Parameter option: HR, SpO2, NIBP, PR, Resp, CO2, Temp1, Temp2, AA, N2O, O2, IBP1, IBP2, ST, C.I.
- Cycle intervals of trend storage 1min, 2min, 3min, 4min, 5min, 10min, 15min, 20min, 25min, 30min.

Store & Reviewing

- ECG : 30 minutes one important lead's ECG waveform
- Alarm : 1800 groups Alarm events reviewing
- NIBP : 1000 groups 10" measurement
- Arrhythmia: 128 groups data (8 seconds ECG waveforms)
- Power-off storage: 72 hours trend data & 1 ECG wave form(option)

Environment

- Working temperature: 5~+40℃
- Transportation and storage temperature: -20~+55℃
- Relative humidity: Working ≤85%
Transportation and storage ≤93%
- Atmospheric pressure: Working 700~1060 hPa
Transportation and storage 500~1060 hPa

Standard Configuration

ECG,HR,RESP,NIBP,SPO2,2-TEMP,Lithium Battery

Option

12-lead ECG, 2-IBP,Recorder, ETCO2 (side stream, main stream), Anesthetic Gas,Nellcor SpO2, Masimo SpO2 , ICG, SD memory Card,VGA Output

Performance:

ECG

- Mode : 5-leads (standard); 3-leads or 12-leads (option)
- Lead selection: I, II, III, aVR, aVL, aVF, V1-V6 (option)
- Gain : AUTO, 0.25x, 0.5x, 1.0x, 2.0x, 4.0x
- Insulation Breakdown Voltage 400VAC 50/60Hz
- Sweep speed 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s
- HR Range : Adult: 10~300bpm
Child & Neonates: 10~350bpm
- HR Accuracy ±1% or ±1 bpm, whichever is greater

ST segment

- Measurement Range -2.0mV-2.0mV
- Resolution 0.01mV

RESP

- Method: Impedance variation between RA-LL (R-F)
- Measurement Range : 0-150 rpm
- Accuracy : ±2 rpm
- Gain: x1, x2, x4
- Sweep speed 6.25mm/s, 12.5mm/s, 25mm/s

TEMP

- Measurement Range: 0.0~50.0℃
- Unit: Celsius (°C), Fahrenheit (°F)
- Accuracy : ±0.1℃(exclusive of probe)
- Connecting cable: Compatible with YSI-400

BLT-SpO2

- Measurement Range 0~100%
- Accuracy At 70~100%, ±2%
- At 0~69%, unspecified
- PR Range 25~250 bpm
- PR Accuracy ±1% or ±1 bpm, whichever is greater

NIBP

- Technique: Automatic oscillometry
- Range: Adult : 10~270 mmHg
Child: 10~235 mmHg
Neonate: 10~135 mmHg
- Accuracy : Static ±2% or ±3 mmHg, whichever is greater
- Unit: mmHg, kPa
- Pulse rate range: 40~240 bpm
- Intervals for AUTO measurement: 1, 2, 3, 4, 5, 10, 15, 30, 60, 90 minutes 2, 4, 8 hours

IBP (option)

- Channel: 2
- Measurement Range: -50~+300 mmHg
- Unit: mmHg, kPa
- Accuracy: ±2mmHg or 2%, whichever is greater

ETCO2 (option, Sidestream)

- Range 0~19.7% (0~150 mmHg)
- Unit: %, mmHg, kPa
- Respiration Rate Range 2~150 bpm

ETCO2 (option, Mainstream)

- Range 0~19.7% (0~150 mmHg)
- Unit: %, mmHg, kPa
- Respiration Rate Range 0~150 bpm



M9500

Multi-Parameter Patient Monitor



*Specifications subject to change without prior notice

M9500-Y1210-2

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M9500

Multi-Parameter Patient Monitor



All-in-one

- ECG, Resp, SpO₂, NIBP, 2-Temp (Standard)
- 12-lead ECG, 2-IBP, Cardio Output (ICG)
- Side stream / Mainstream / Microstream CO₂
- Multi-Gas Modules



Various Extensible interfaces

- Standard: Ethernet Network, Defibrillation Synchronization Output, Nurse Call
- Option: analog output, USB port, V.0A output



Long battery run time

- Up to 4 hour run time with 2 rechargeable
- Lithium battery. (Option, standard 1 battery)



Built-in Recorder & WLAN module (Option)

- 3-Channel thermal recorder offers convenient documentation
- WiFi wireless connectivity realizes in-hospital transportation



SD memory card

- Easy to transfer patient data.
- Storing 72 Hour patient trend data etc.



Dual Alarm Light

- Physiological Alarm Light & Equipment Technical Alarm Light
- Extra Large Alarm light Design.



Back Light Buttons



Wall Mount

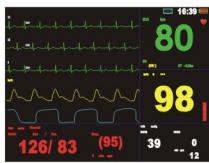


Rolling Stand



OXYCRG

Convenient for doctors to learn patients' physiological parameters more accurately and quickly through patients' temperature trend waveform changes of main physiological parameters.



Big font

Convenient for long distance observation, especially suitable for ICU, CCU and monitoring at night



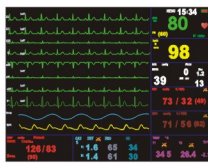
View bed

Monitor the patient's information in another bed in a long distance, any two sets can be each other's central monitor, save resources for the users.



12 ECG leads display in the same screen (option)

Adequately meet the hospitals' clinical needs with peculiar 12 ECG leads in the same screen, ST, and arrhythmia analysis.



Max 10 waveform display

15" high resolution display (1024*768) provides clear view of Max 10 waveforms and full monitoring parameters



Short Trend display

The short trend diagram relevant to the parameters is displayed on the upper-left corner of the waveform.