TECHNICAL SPECIFICATION: M9000A

General

Size and Weight	- Size 318mm x 264mm x 152mm - Weight 4.5kg
Display	- 12.1" Color TFT-LCD - Resolution 800 x 600 pixels or higher
Power supply	- Power Voltage AC 100-240V 50 / 60Hz - Power Input ≤85VA - Fuse: T1.6AL/250V, Φ5X20 (mm) - Safety class: Category I
Battery	- Type: Rechargeable Lithium Battery - Charge time: ≤6 hours - Operating time under the normal use and full charge: ≥240 minutes (2 batteries for 480minutes)
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 - RF Wireless LAN: 433MHz, 10mW (option) - Defibrillation Output: Option - Video 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 of 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 of one important lead's ECG waveform - Alarm: 1800 groups Alarm events reviewing - NIBP: 1000 groups NIBP measurement - Arrhythmia: 128 groups data (8 seconds ECG waveforms) - Power-off storage: 72 hours trend data & 1 ECG waveform (option)
Environment	- Working temperature: 0~+40℃ - Transportation and storage temperature: -20~+55℃ - Relative humidity: Working ≤85% Transportation and storage ≤93% - Atmospheric pressure: Working 860~1060hPa Transportation and storage 500~1060hPa

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 4000VAC 50/60Hz - Sweep speed 12.5mm/s, 25mm/s, 50mm/s - HR Range: 10~300bpm - HR Accuracy ±1% or ±1bpm, 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: 0~150rpm - Accuracy: ±2rpm - Gain: x1, x2, x4 - Sweep speed 6.25mm/s, 12.5mm/s, 25mm/s
TEMP	- Measurement Range: 0.0~50.0℃ - Unit: Celsius (℃), Fahrenheit (°F) - Accuracy: ±0.1℃ (exclusive of probe) - Connecting cable: Compatible with YSI-400
Digital SpO2	- Measurement Range 0~100% - Accuracy At 70~100%, ±2% - At 0~69%, unspecified - PR Range 25~250bpm - PR Accuracy ±1% or ±1bpm, whichever is greater
NIBP	- Technique: Automatic oscillometry - Range: Adult: 10~270mmHg Child: 10~235mmHg Neonate: 10~135mmHg - Accuracy: Static ±2% or ±3%mmHg, whichever is greater - Unit: mmHg, kPa - Pulse rate range: 40~240bpm - Intervals for AUTO measurement: 1, 2, 3, 4, 5, 10, 15, 20, 30, 45, 60, 90 minutes 2, 4, 8 hours
IBP (option)	- Channel: 2 - Measurement Range: -50~+300mmHg - Unit: mmHg, kPa - Accuracy: ±2mmHg or 2%, whichever is greater
EtCO2 (option, Sidestream)	- Range 0~19.7% (0~150mmHg) - Unit: %, mmHg, kPa - Respiration Rate Range 2~150bpm
EtCO2 (option, Mainstream)	- Range 0~19.7% (0~150mmHg) - Unit: %, mmHg, kPa - Respiration Rate Range 0~150bpm

Standard Configuration

ECG, HR, RESP, NIBP, SPO2, PR, TEMP, Lithium Battery

Option

12-lead ECG, 2-IBP, Recorder, EtCO2(side stream, main stream), Anesthetic Gas, Nellcor SpO2, Masimo SpO2, ICG