

COMEN



S50

Defibrillator Monitor

Smarter Resuscitation Complete Monitoring Greater Confidence



All-in-One Emergency Solution

The S50 integrates three critical functions in one device: AED, manual defibrillation, and external pacing. It delivers up to 360J of biphasic energy to meet the needs of adult and high-impedance patients. With a rapid 2-second power-on and 3-second charge to 200J, it's built for speed when every moment counts.

Advanced Monitoring with Real-Time Insights

The S50 provides continuous monitoring of ECG, SpO₂, NIBP, EtCO₂, RESP, and more. Its multi-lead ECG includes anti-compression filtering to maintain waveform clarity during CPR. Real-time CPR quality feedback ensures accurate compressions by evaluating rate, depth, recoil, and patient response.

Data-Driven Resuscitation Support

An integrated recorder automatically prints waveforms, events, and alarms. The system stores up to 1,000 rescue cases, 120 hours of ECG data, and 200 hours of trends. Structured debriefing tools support clinical review and performance improvement after each event.

Touch Smart. Operate Easy

The S50 features an 8-inch HD touchscreen, a rotary knob, and physical keys for seamless operation in any environment. It can be used with gloves or wet hands and includes voice and visual prompts for AED and defibrillation guidance. Multi-language support ensures accessibility for diverse teams.

Built to Withstand. Ready to Respond

With IP55-rated dust and water resistance and six-side drop testing (0.75 meters), the S50 is designed for harsh conditions. Reinforced cables resist bending and wear, while an integrated bedrail hook ensures a smooth transition between pre-hospital and bedside care.

Connected for Smarter Care

The S50 supports integration with HIS/EMR systems and is compatible with hospital IT infrastructure. An optional remote management platform allows real-time monitoring of device status, battery life, and cybersecurity compliance.



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