

Technical Specifications Model SL-9 EasySim & SL-9H

Physical	
Size	Main unit: 7" x 1.25" x 0.8" (17cm X 3.2cm X 2.0cm) Remote Control: 6.6" x 2.3" x 0.5" (16.8cm X 5.8cm X 1.3 cm)
Weight	10 oz (0.28kg)
ECG/Resp Connection	10 ECG snaps with 4mm and 1/8" banana plug grooves
IBP Connection	4 x 6 pin Mini-DIN
YSI Temp Connection	2 x 3.5mm mini stereo jack
C.O. Connection	Standard 3 pin catheter connection
Power	
Power Supply	3.6 VDC. Internal Lithium Thionyl Chloride battery, 1AH (30µA max draw) No external power supply required. No ON/OFF switch.
Battery Life	Battery runs 5-7 years, depending on usage
User Interface	
Remote Control Keypad, Slide switch	48 Key, two slide switches for Temperature simulation
ECG HR Range	30 - 240 (BPM), user adjustable
Respiration Rate Range	0 - 120 (RPM), user adjustable
Invasive Blood Pressure Range	Systolic 0-265, Diastolic 0-208 (mmHg), user adjustable
Invasive Blood Pressure Simulation Modes	Arterial, PA, CVP and LVP Pressure Control Additional modes SL-9 ES: PA Wedge, ART IABP (Intra-Aortic Balloon Pump) Additional modes SL-9H: CVP SWAN MOVE, LV/AO PULL BACK
Arrhythmia Simulations	TACHY, BRADY, ST Elevation/Depression, PVC, Couplet, RUN, PAUSE, VTACH, VFIB, ASYSTOLE, BI-GEMINY, TRI-GEMINY, AFIB, A FLUTTER, 1 st Degree Block, 2 nd Degree Block Type I, 2 nd Degree Block Type II, 3 rd Degree Block, Muscle Noise, Base Line Noise
User Defined Arrhythmia	Select combination of arrhythmia sequences via Remote Keypad
Pacer Simulation	
Selections	Atrial, A-V, Ventricular
Synchronized with ECG	Yes
Temperature Simulation	
YSI 400 Simulation Values	25, 37, 40 (°C)
YSI 700 Simulation Values	25, 37, 40 (°C)
Simulation Accuracy	± 0.04 °C
CO Simulation	
Baseline Blood Temp	37.0°C
Simulation Values	3, 5, 7 (l/m)
Adapter Cable / Box	None Required
Simulated Blood Temp Accuracy	± 0.1°C
Mechanical	
Housing Material	High impact resistant Carbotex Polycarbonate. Ultra-strong construction.
Attachments	Rugged keychain attachment for securing to belt, lanyard, reel, case, workbench, cart, etc.
Labeling	All necessary instructions and data are printed on the case of the simulator, as well as in the operator's manual.
Cable	Durable, coiled 10' extension cable
Environmental	
Operating	Temperature: 10°C to 35°C (50°F to 95°F), Relative Humidity: 10 to 80% non-condensing, Altitude: 3,000m (9,843ft)
Storage	-20°C to +60°C (-4°F to +140°F)