

Heart Saver AED7000

TECHNICAL SPECIFICATIONS



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GENERAL

Type	Semi-automatic external defibrillator
Model	AED7000
Dimensions	21.6W x 8.9D x 30.3H (cm)
Weight	2.0 kg
Warranty	5 years

PROMPTS + CONTROLS

Voice Prompts	22 audible prompts
Visual Prompts	LED prompts
CPR Pacing	Metronome
Controls	Two buttons: Power On/Off and Shock

ELECTRICAL

Waveform	Truncated Biphasic Exponential
Energy Sequence	Adult: 150 J, 150 J, 200 J Pediatric: 50 J, 50 J, 50 J
Charge Time	10 sec. to 150 J 15 sec. to 200 J

ANALYSIS SYSTEM

Patient Analysis	Automatically recognizes ventricular fibrillation and other ventricular tachycardia
Pad Placement	Automatically recognizes if defibrillation pads are properly attached to the patient and are connected to the AED unit.

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ENVIRONMENTAL CONDITIONS

Temperature	Operating: 0°C to 40°C Storage/Standby: -20°C to 55°C
Humidity	30% - 95% humidity

BATTERY

Part #	CR123A-4
Type	Extended-life, disposable, Lithium non-rechargeable
Power	12V d.c. 2.8Ah
Capacity	100 discharges at 200 J 120 discharges at 150 J
Standby Life	5 years (25°C±15°C) after installation
Storage Life	5 years (25°C±15°C)
Low Battery Indicators	LED indicator

DEFIBRILLATION PADS

Models	Adult: EDC-2035 Pediatric: EDC-P235
Type	Single-use, disposable, self-adhesive, pre-gelled, low-impedance electrode defibrillator pads with cable and connector
Pad Placement	Adult: Anterior / Anterior Pediatric: Anterior / Posterior

SELF TESTS

Automatic	Daily: Built-in battery test Monthly: Full self-test includes: battery, charging & discharging, data collection and data communication tests.
User-Initiated	Tests can be initiated by the user

STANDARDS / CERTIFICATION

General	CE ISO13485:2003, ISO14155:2003, ISO14971:2007, EN980:2008, EN1041:1998
Safety	IEC60601-1:1988 +A1:1991 +A2:1995 +A13:1996 Type BF, Internally Powered, Continuous operation, Defibrillator Proof Operation, IEC60601-1-4:2000, IEC60601- 1-6:2006, IEC60601-2-4:2002, IEC62304:2006, IEC60601-1- 2:2007

MAINTENANCE / CLEANING

Cleaning	Power off before cleaning. Use a soft cloth, warm water and non- abrasive solvent to wipe down the AED7000. Do not allow water or other cleaning products to enter the unit when cleaning the machine, as these liquids may cause damage or create a shock hazard.
Disinfection	Disinfection of the AED7000 is recommended. Use only alcohol based solvents. Never use the following cleansers on the AED7000: Acetone, Ammonia cleanser, Glutaraldehyde.
Maintenance	Maintenance is required for the optimal operation of the AED7000 and should be performed periodically; with weekly and monthly inspections recommended. Please also see the Testing section on our website .

