

POWERHEART® AED

automated external defibrillator

THE AED WITH A PH.D.



**ANY AED CAN SHOCK CARDIAC ARREST.
ONLY THE POWERHEART® AED IS SMART ENOUGH TO WATCH FOR IT.**

The new Powerheart® AED is simply smarter. Powered by our RHYTHMx® technology, the Powerheart AED is the only AED that can provide continuous monitoring capabilities during and after cardiac arrest, thereby protecting the victim against the reoccurrence of a life-threatening arrhythmia following a resuscitation. The Powerheart AED also eliminates the need to check for the victim's pulse before attaching the AED, saving precious seconds during a rescue.

Unlike other AEDs, the Powerheart AED's patented RescueReady® technology tests not only the battery and system components, but also verifies that the pre-connected disposable electrodes can properly deliver a shock. So you can be confident it will work the first time, every time. With this superior performance, plus impedance-compensated biphasic waveform and easy one-button operation, it is the AED with a Ph.D.

The Powerheart AED is the first product to come from the merger of Survivalink and Cardiac Science, combining industry-leading AED expertise with advanced cardiac software algorithms.

To learn more about the smartest choice in AEDs, visit our website at www.cardiacscience.com, email us at aed@cardiacscience.com or call +1 952.939.4181 or toll free at 1.800.991.5465 (USA only).



CARDIAC SCIENCE

DEFIBRILLATOR

Waveform	Biphasic truncated exponential
Energy	Biphasic: variable energy levels (105J to 360J) ¹
Shock time cycle	Less than 55 seconds for a three shock series
Controls	Single-button operation
Voice prompts	Comprehensive voice instructions guide user through rescue process
Text screen	Displays text instructions to guide user through rescue process
Indicators	RescueReady status, electrodes, SmartGuage, battery, service
Synchronized Shock	Built-in automatic synchronization control.



Easy to follow text and voice instructions

ELECTRODES

Supplied	Self-checking and pre-connected to defibrillator
Type	Disposable, non-polarized (interchangeable for body placement) pre-gelled, self-adhesive
Shelf life	2 year
Gel surface area	114 cm ² each

BATTERY

Type	Extended life lithium battery
Shelf life / Operating life	5 years / 5 years
Shocks typical	290

ENVIRONMENTAL

Operating temperature	0°C to +50°C (32°F to +122°F)
Storage temperature	Without batteries and electrodes: -30°C to +65°C (-22°F to +149°F)
Relative humidity	5% to 95% (non-condensing)
Water resistance	IEC 529, IP24 (IPX4)
Vibration and shock	IEC 68-2-29, 68-2-6 (sine), 68-2-64 (random)
Free fall drop	IEC 68-2-32, 1 m
EMC	CISPR 11/RTCA 160D



Simple one-button operation

AUTOMATED SELF CHECKS

Daily	Electrodes, battery, electrical circuitry
Monthly	Waveform delivery system charged to full energy and discharged
Status indicator	Status indicator and audible alarms notify user if system fails self-testing and is not RescueReady

EVENT DOCUMENTATION

Type	Internal memory and/or optional Rescue Data Card
Internal memory	20 minutes ECG and event recording
Rescue data card	10 hours ECG and event recording or 40 minutes voice, ECG and event recording
Playback	Windows [®] -based RescueLink and Data Storm™ data review software
Communications	Serial port for PC with Windows
Clock synchronization	Precise synchronization of AED time to dispatch time

PHYSICAL

Height	8.4 cm (3.3 in)
Width	26.9 cm (10.6 in)
Depth	31.5 cm (12.4 in)
Weight	3.5 kg (7.7 lbs) including battery and electrodes base model



All specifications are based on 20°C and a new battery unless otherwise noted. Specifications subject to change.

¹ Biphasic energy includes full range of impedance compensation and tolerance.

POWERHEART AED ORDERING INFORMATION

MODEL NUMBER

9200RD
9210RD
500230

DESCRIPTION

Powerheart AED with text display and internal memory
Powerheart AED with text display and Rescue Data Card
Starter Kit

Each Powerheart AED package includes: (1) defibrillator, (1) extended life lithium battery, (1) pair of defibrillation electrodes, and (1) user manual. The Starter Kit must be ordered separately and includes: (1) RescueLink software, (1) serial communication cable, and (1) training video. Accessories for the Powerheart AED are also available. Please consult your sales representative for details.



CARDIAC SCIENCE

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