

ZOLL

AED+PLUS™

A Full-Rescue AED for Professionals

The ZOLL AED Plus™ is now available with a professional interface that includes minimal front-panel graphics, yet still provides the necessary voice and text prompts for a full rescue. It is the first and only AED that guides rescuers through the complete Chain of Survival.

When a victim collapses from sudden cardiac arrest, rescuers do not know whether defibrillation or CPR is the appropriate therapy until an AED is attached and the victim's heart rhythm is analyzed. About half of all cardiac arrest victims that suddenly collapse initially require defibrillation. For other victims, however, who may have non-shockable heart rhythms, the critical action for survival is effective CPR.

The ZOLL AED Plus is the only AED that helps rescuers perform effective CPR because it allows them to see and hear how well they are performing the rate and depth of chest compressions during CPR. This real-time feedback mechanism makes the ZOLL AED Plus the only AED that can help assess and treat nearly every sudden cardiac arrest victim, making it the only Full-Rescue AED available today.



PROFESSIONAL INTERFACE

ZOLL®
Advancing Resuscitation. Today.™

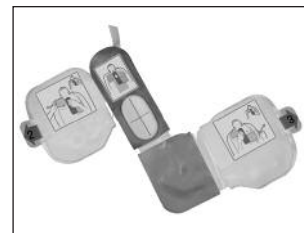
ZOLL Full-Rescue AED for Professionals

Four-Year Shelf Life

Infrequently used AEDs demand electrodes that require infrequent replacement. Most AED electrodes on the market today will corrode or expire before they are used.

ZOLL's **CPR-D•padz™** is designed to control corrosion and allow for an unmatched four-year lifespan. This reduces electrode replacement costs, facilitates AED readiness and maintenance, and decreases the probability of an AED failure due to electrode expiration.

In addition, the **CPR-D•padz** comes complete with barrier mask, scissors, disposable gloves, prep razor, towel, and moist towelette.



CPR-D•padz comes complete with rescue essentials including barrier mask, razor, scissors, disposable gloves, and towelette.

Professional Interface Specifications

Defibrillator

Waveform: Rectilinear Biphasic™

Defibrillator Charge Hold Time: 30 seconds

Energy Selection: Automatic preprogrammed selection; Adult (120J, 150J, 200J) Pediatric (50J, 70J, 85J)

Patient Safety: All patient connections are electrically isolated

Charge Time: Less than 10 seconds with new batteries

Electrodes: ZOLL **CPR-D•padz**, **stat•padz II** or **pedi•padz II**

Built-in Defibrillator Self Test: Included

CPR

Metronome Rate: Variable 60 to 100 CPM

Depth: 1.5 in to 3 in; 3.8 cm to 7.6 cm

Defibrillation Advisory: Evaluates electrode connection and patient ECG to determine if defibrillation is required

Shockable Rhythms: Ventricular fibrillation with average amplitude >100 microvolts and wide complex ventricular tachycardia with rates greater than 150 BPM. For ECG Analysis Algorithm sensitivity and specificity, refer to AED Plus Administrator's Guide.

Patient Impedance Measurement Range: 0 to 300 ohms

Defibrillator: Protected ECG circuitry

Display Format: Optional LCD with moving bar

Size: 2.6 in x 1.3 in; 6.6 cm x 3.3 cm

Viewing Time: 2.6 seconds

Display Sweep Speed: 25 mm/sec

Battery Capacity: Typical new (20°C) = 5 years (300 shocks) or 1.5 hours continuous monitoring/defibrillation. End of life designated by Red X (typical remaining shocks = 100, 0.5 hours continuous monitoring/defibrillation).

PC Minimum Requirements for Configuration and Patient Data Recovery: Windows® 98, Windows® 2000, Windows® NT, Windows® XP, IBM-compatible PII with 16550 UART (or higher) computer. 64MB RAM. VGA monitor or better. CD-ROM drive. IrDA port. 2MB disk space.

Device

Size: (H x W x D) 5.25 in x 9.50 in x 11.50 in; 13.3 cm x 24.1 cm x 29.2 cm

Weight: 6.7 lbs.; 3.1 kg

Power: User Replaceable Batteries. 10 Type 123A Photo Flash lithium manganese dioxide batteries

Device Classification: Class II and internally powered per EN60601-1

Design Standards: Meets applicable requirements of AAMI DF-39, IEC 601-2-4, EN60601-1, IEC60601-1-2

Environment

Operating Temperature: PS Model: 32° to 122°F; 0° to 50°C; PA Model: 50° to 104°F; 10. to 40°C

Storage Temperature: PS Model: -22° to 158°F; -30° to 70°C; PA Model: 32° to 122°F; 0° to 50°C

Humidity: 10 to 95% relative humidity, non-condensing

Vibration: MIL Std. 810F; Min. Helicopter Test

Shock: PS Model: IEC 68-2-27; 100G; PA Model: IEC 68-2-27; 50G

Altitude: PS Model: -300 to 15,000 ft.; -91m to 4573 m.; PA Model: -300 to 7,500 ft.; -91 m to 2287 m

Particle and Water Ingress: IP55

CPR-D•padz

Shelf Life: 4 years

Conductive Gel: Polymer Hydrogel

Conductive Element: Tin

Packaging: Multilayer foil laminate pouch

Impedance Class: Low

Cable Length: 36 in (91 cm)

Sternum: Length: 6.1 in (15.5 cm); Width: 5.0 in (12.7 cm); Length, conductive gel: 3.5 in (8.9 cm); Width, conductive gel: 3.5 in (8.9 cm); Area, conductive gel: 12.3 sq in (79.3 sq cm)

Apex: Length: 6.1 in (15.5 cm); Width: 5.6 in (14.2 cm); Length, conductive gel: 3.5 in (8.9 cm); Width, conductive gel: 3.5 in (8.9 cm); Area, conductive gel: 12.3 sq in (79.3 sq cm)

Complete Assembly: Folded length: 7.6 in (19.3 cm); Folded width: 7.0 in (17.8 cm); Folded height: 1.5 in (3.8 cm)

Design standards: Meets applicable requirements of ANSI/AAMI/ISO DF-39:1993

ZOLL Medical Corporation
Worldwide Headquarters
269 Mill Road
Chelmsford, MA 01824
978-421-9655

ZOLL Medical Canada
Mississauga, Ontario, Canada
905-629-5005

ZOLL Medical Latin America
Parkland, FL
954-345-4224

ZOLL Medical U.K.
Cheshire, United Kingdom
+44 1925 846 400

ZOLL Medical France
Coignières, France
+33 1 30 05 14 98

ZOLL Medical Europe
Dodewaard, The Netherlands
+31 488 411 183

ZOLL Medical Germany
Cologne, Germany
+49 2236 87870

ZOLL Medical Austria
Vienna, Austria
+43 650 4136222

ZOLL Medical Middle East and Africa
Athens, Greece
+30 210 6236691

ZOLL Medical Russia
Moscow, Russia
+70 95 936 2338

ZOLL Medical India
Mumbai, India
+91 22 28322423

ZOLL Medical China
Hong Kong, China
+852 3124 5066

ZOLL Medical Japan
Yokohama City, Japan
+81 45 905 2864

ZOLL Medical Asia Pacific
Lisarow, Australia
+61 418 289733

ZOLL Medical Australia
New South Wales, Australia
+61 2 9420 8733

Specifications subject to change without notice.

© ZOLL Medical Corporation 2005. All rights reserved.

AED Plus, **CPR-D•padz**, **pedi•padz II**, Rectilinear Biphasic, and **stat•padz II** are trademarks of ZOLL Medical Corporation. All trademarks are property of their respective owners.

ZOLL Medical Corporation 269 Mill Road Chelmsford, MA 01824-4105 USA
9656-0174 Printed in USA 5M 3/05



ZOLL®

Advancing Resuscitation. Today.™

