The ZOLL PD 1200 combines defibrillation, pacing, and monitoring, offering complete ACLS-response capabilities in a single, easy-to-use unit that is ideal for critical and speciality-care areas. It can be configured with the ZOLL "hands-off" Multi-Function Electrodes, with standard defibrillation paddles and pacing electrodes, and with internal defibrillation paddles and pacing electrodes.

The ZOLL PD 1200 operates on both AC line and battery power and is completely compatible with all models in the ZOLL cardiac resuscitation system.
ZOLL PD™ 1200

SPECIFICATIONS

Pacemaker
Type: VV demand, asynchronous (fixed rate) when used without ECG leads.
Pulse Type: Rectilinear, constant current.
Pulse Duration: 40 milliseconds.
Pulse Amplitude: Variable to 140 mA.
Pacing Rate: Variable from 30 to 180 PPM.
Output Protection: Fully defibrillator-protected and isolated.
Pacer On: Message display on monitor.

Pacing/Defibrillation Electrodes
Specially designed pre-gelled ZOLL Multi-Function Electrodes, and Multi-Function stat padz electrodes packaged in pairs. Can be used in the anterior/anterior position. Pediatric sizes available.

Defibrillator
Waveform: Damped sinusoid.
Output Energy Delivered: Selectable at 2, 3, 5, 7, 10, 20, 30, 50, 100, 150, 200, 300, 360 joules.
Charge Time: Less than 10 seconds.
Delivered Energy Display: CRT monitor displays delivered energy.
Synchronized Mode: Synchronizes defibrillator pulse to patient's R-wave. "SYNC" message displayed on monitor. Marker on monitor of defibrillator charge and discharge of defibrillator electrodes.
Internal Paddles: Output limited to 50 joules when internal paddles are connected. Discharge from paddles.

Charge Controls:
Paddles: Control on apex paddle and front panel.
Defibrillation Electrodes: Standard paddles are anterior/anterior adult and pediatric. Adult paddles slide off to expose pediatric paddles.
Integral Defibrillator Tester: Integral circuitry allows complete test of defibrillator charge and discharge without removing paddles from storage wells. Identical circuitry allows complete test of unit configured with multi-function cable.
Defib On: Message display on monitor.

Monitor and Display
Sweep Speed: 25 mm/sec.
Viewing Time: 4 seconds.
Heart Rate: Digital display on monitor 0 – 300 BPM.
Pacer Output Current: Digital display on monitor 0 – 140 mA.
ECG Lead Selection: Display on monitor.
ECG Size: .5, 1, 2 cm/mmV display on monitor.
Alarm On/Off Status: Display on monitor. User selectable High (60 – 280 BPM) Low (20 – 100 BPM).
ECG Lead Off: Message display on monitor.
Pacer Electrode Off: Message display on monitor.
Defibrillator Paddle Fault: Message display on monitor.
Electrode Fault: Message display on monitor.
Recorder Paper Out: Message display on monitor.
Low Battery Voltage: Message display on monitor.

Diagnostic Self-Test
Battery Charger: Extended diagnostics – self-test mode.
Defibrillator: Extended diagnostics – self-test mode.
Charge Time: Automatic
Peak Delivered: Extended diagnostics – self-test mode.
Defib Current: Extended diagnostics – self-test mode.
Rate and Output: Extended diagnostics – self-test mode.

Recorder
Paper: Standard 40 mm thermal (grid width), 50 mm (paper width).
Speed: 25 mm/sec.
Delay: 4 seconds.
Annotations: Time, date, defib energy, heart rate, pacer output, sync, event marker, ECG size, lead, alarm, defib test OK/Fail.
Writing Method: High-resolution, thermal array print head.
Printout Modes: Manual, automatic.
Automatic Function: 15 second recording initiated by alarm conditions and defibrillator discharge.

Batteries
Type: Rechargeable, sealed lead-acid.
Recharge Time: 24 hours to full capacity.
Charger: Integral to instrument; no separate charger or unit required.
Service: Battery is easily removed as a unit.
Low Battery Indicator: Message display on monitor. Approximately 20 minutes of monitoring remain when message is displayed. Instrument will operate on AC power when batteries are depleted. Defibrillator charge time may be extended when batteries are depleted.

Pacing/Defibrillation Electrodes
Specifically designed pre-gelled ZOLL Multi-Function Electrodes, and Multi-Function stat padz electrodes packaged in pairs. Specially designed pre-gelled ZOLL Multi-Defibrillation Electrodes.

Control on apex paddle and front panel.

Defibrillator
Waveform: Damped sinusoid.
Output Energy Delivered: Selectable at 2, 3, 5, 7, 10, 20, 30, 50, 100, 150, 200, 300, 360 joules.
Charge Time: Less than 10 seconds.
Delivered Energy Display: CRT monitor displays delivered energy.
Synchronized Mode: Synchronizes defibrillator pulse to patient's R-wave. "SYNC" message displayed on monitor. Marker on monitor of defibrillator charge and discharge of defibrillator electrodes.
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ZOLL PD™ 1200
8002-0011
Pacemaker/Defibrillator standard configuration includes the following:
1 set standard anterior/anterior defibrillator paddles (adult, pediatric), 1 ECG cable, 1 pacer output cable, 1 set adult electrodes, 1 set pediatric electrodes, 1 roll recorder paper, 2 operator’s guides, 1 tube defibr gel, 1红外线 video tape.

Product Information
ZOLL PD 1210
8002-0101
Electrophysiology PD 1200 version for use with external programmable stimulator in electrophysiology studies.

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