DELTA 1500 is the latest addition of our Defibrillator Analyzer. It is the ideal tester for AED’s used in ambulances, police cars, sports stadiums, aircraft, schools, malls, and other locations.

DELTA 1500 is a unique analyzer designed to verify the operation of any Automatic External Defibrillator. The arrhythmia recognition and energy charge and discharge functions of the AED may be quickly and easily checked.

DELTA 1500 simulates normal sinus rhythm, ventricular fibrillation, and ventricular tachycardia waveforms selected via soft touch keys. When the AED is discharged, the delivered energy is displayed in joules on the large LCD. An automatic test mode switches from VFIB to NSR after the energy discharge.

Features:

• Compact, Lightweight, and Rugged
• Simple, Menu Driven Operation
• Measures Delivered Energy
• Simulates Arrhythmia waveforms for Rhythm recognition.
• Automated test mode.
• User selectable waveforms- VTAC, VFIB, Normal Sinus
• Battery or AC Operation
• Two-Year Warranty

Specifications:

Waveforms: NSR @ 60 BPM, 1 mV Amplitude, Ventricular Tachycardia, Ventricular Fibrillation
Accuracy: 2% ± 1 joule
Energy: 2 to 700 joules Load: 50 Ohms ± 1 %
Interface: Banana Jack High Level Output.
Display: 4 Digit 0.5 inch LCD
Keypad: 4 Momentary Keys & LED’s
Power: 9 Volt Alkaline Battery
Mechanical:
Case: ABS Plastic
Dimensions: 7.8” X 4.3” X 2” (19.7 X 10.8 X 5cm)
Weight: 1.3 lbs. (0.59 kgm)

Ordering Information:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>610</td>
<td>AED Analyzer with case</td>
</tr>
<tr>
<td>610 - Case</td>
<td>Carrying Case</td>
</tr>
</tbody>
</table>

For Part numbers for Interface Cables
Please call or e-mail sales@netech.org

www.Netech.org 1-800-547-6557 (US)
The **DELTA 2200** is a compact and lightweight defibrillator analyzer with full ECG/Arrhythmia Simulator; designed to test all Biphasic Defibrillators and AED’s in the market.

**DELTA 2200** measurement functions include energy, peak voltage as well as cardio version. It is menu driven and easy to use. Test results can be easily uploaded to a PC though the serial port.

**DELTA 2200** offers the accuracy, testing performance and value that no other defibrillators can match.

**Features:**
- Simple Menu Driven Operation
- Large 4-line LCD display
- RS 232 Interface
- Internal Paddle Adapters
- Dedicated Print Key for Immediate Documentation
- Compact light weight and rugged
- Simultaneous Display of All Test Measurements
- Battery or AC Powered Operation

**Specifications:**

- **Energy Range:** - High: 1-500 J, Low: 1-100 J
- **Resolution:** - High Range: 1 J, Low Range: 0.1 J
- **Accuracy:** - High Range: ± 2% of the reading ± 1 J, Low Range: ± 2% of the reading ± 0.5 J
- **Internal Test Load:** 50 Ohms ± 1%
- **Cardio version Delay:** ± 250 ms from Peak R, Accuracy: ± 1% of FS ± 1 ms
- **Discharge Waveform:** - Real Time: Voltage Attenuation 1000:1
- **Expanded Time:** 1:200 repeated every 8 sec
- **Waveform Simulation:** - Internal: ECG @ 60 BPM, VTAC, VFIB, and NSR @ 90 BPM
- **External:** Waveform input through Input Jack
- **Pulse Width:** 1 - 65 ms

**Power Requirements:** 9V Alkaline Battery Or AC Adapter

**Dimension:** 10.4 x 7.2 x 4.0 inches (26.4 x 18.2 x 10.2 cm)

**Weight:** 3 lbs (1.4 kg)

**Ordering Information:**

<table>
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<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>635</td>
<td>Defibrillator Analyzer</td>
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<tr>
<td>635-Case</td>
<td>Carrying Case</td>
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</tbody>
</table>

*For Part numbers for Interface Cables
Please call or e-mail sales@netech.org*

110 Toledo Street, Farmingdale, NY 11735, Phone: 631-531-0100, Fax: 631-531-0101

[www.Netech.org](http://www.Netech.org) 1-800-547-6557 (US)
DELTA 3000, Defibrillator Analyzer / Pacemaker Tester is the latest addition of our Defibrillator Analyzer with full Pacer Tester and ECG Simulator built in.

DELTA 3000, Defibrillator Analyzer / Pacemaker Tester combines the complete testing functions of a Defibrillator Tester, a Pacemaker Analyzer, and a 12 Lead ECG / Arrhythmia simulator into one compact, lightweight, and easy to use instrument. No other instrument delivers the performance testing power of the DELTA 3000 Defibrillator Analyzer / Pacemaker Tester.

DELTA 3000, Defibrillator Analyzer / Pacemaker Tester tests all defibrillators including AEDs. It measures both monophasic and bi-phasic waveforms. It tests all external pacemakers including Transthoracic, Transvenous, and AV sequential models. It has 12 built-in user selectable test loads for Transthoracic pacing testing. The built-in ECG / Arrhythmia simulator allows performance testing of any ECG equipment.

Features:
- Compact, Lightweight, and Rugged
- Simple, Menu Driven Operation
- Large 4-line LCD
- Simultaneous Display of All Test Measurements
- Dedicated Print Key for Immediate Documentation
- RS 232 Interface
- Battery or AC Operation
- Two-Year Warranty

Measurements:
- Measures: Energy, Peak Voltage, Peak Current, and Cardio Sync. Time
- Storage and Playback of output waveforms
- Tests all External Pacemakers - Transthoracic, Transvenous, and AV Pacers
- Measures: Amplitude, Rate, Pulse Width, Pulse Energy, Sensed and Paced Refractory Periods
- 50 and 60 Hz Immunity Tests
- Transthorasic Test Loads: Fixed 50 Ohm or 12 User Selectable Loads to 1000 Ohms
- A / V Pacer Test Load: 500 Ohm
- ECG Simulator:
  - Tests all ECG Equipment, 12 lead ECG, User Selectable Rates and Amplitudes
  - Performance Waveforms: Sine, Square, Triangle, and Pulse, 12 Arrhythmias

110 Toledo Street, Farmingdale, NY 11735, Phone: 631-531-0100, Fax: 631-531-0101
www.Netech.org  1-800-547-6557 (US)
Defibrillator Analyzer

Specifications:

Defibrillator Analyzer
Energy Measurement: Load: 50 Ohm ± 1 %
Range (High): 900 J, Res. 1 J
Resolution: 1 Joules, Range (Low): 0 - 100
Resolution: 0.1 Joules, Accuracy: ± 2% of the reading + 1 J for Hi Range or + 0.5 J for Low Range
Maximum Voltage: 5200 V
Maximum Current: 100 Amp (H)
Sync. Time: 0 - 250 ms
Waveform Output: Real Time: Output 1000 : 1 Stored. Discharge waveform expanded 200:1 and is repeated 8 sec. It can be viewed through the paddles and through the ECG High Level Output

Pacemaker Analyzer
Transcutaneous:
Test Load: 50 Ohm (Fixed) and variable 100 to 1000 Ohms user selectable
Current: 1 to 200 mA, Accuracy: ± 5% + 0.5 mA
Pulse Width: 0.5 to 80 ms, Accuracy: ± 1% + 0.1 ms
Refractory: 20 - 500 ms, Accuracy: ± 2% or + 10 ms
Atrial and Ventricular:
Test Load: 500 Ohms
Current: 1 to 25 mA, Accuracy: ± 5% + 0.5 mA
Pulse Rate: 30 to 800 ppm, Accuracy: ± 1% + 0.1 ms
Refractory: ± 20 - 500 ms, Accuracy: ± 2% or 10 ms
Immunity Test: 50 / 60 Hz

General
Power Requirements:
Two-9V Alkaline Batteries Or AC Adapter
Dimension:
10 x 11 x 2.25 inches (25.4 x 27.9 x 5.7 cm)
Weight: 4 lbs (1.8 kg)

Environmental:
Operating Temperature: 59° to 95° F (15° to 35° C), Storage Temperature: 32° to 131° F (0° to 55° C)

ECG Arrhythmia Simulator
ECG: Normal Sinus Rhythm.
Rate: 30, 60, 90, 120, 240
Performance: Sine, Square, Triangle and Pulse
Rate: 0.5, 1, 2, 10, 15, 20, 25, 40 Hz
Arrhythmias:
VFBC, VFBF, VTAC, AFIB, PVC, PVC1, PVC2, BGY, RBB, AFIB, ATRFT, NSR
Waveform Output: 12 Lead ECG and Paddle and High Level Output

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<tbody>
<tr>
<td>650 - A</td>
<td>Defibrillator / Pacemaker Analyzer with Transcutaneous A-V Pacer Analyzer</td>
</tr>
<tr>
<td>650</td>
<td>Defibrillator / Pacemaker Analyzer with Transcutaneous/Transvenous Analyzer</td>
</tr>
</tbody>
</table>

For Part numbers for Interface Cables and Accessories Please call or e-mail Sales@netech.org

110 Toledo Street, Farmingdale, NY 11735, Phone: 631-531-0100, Fax: 631-531-0101
www.Netech.org 1-800-547-6557 (US)