



OVERVIEW

EXPMT 2000 Advanced analyzer is the latest, improved version of Netech's most popular pacemaker analyzer in the market. It is a precision, compact, handheld, Li-ion battery-operated instrument for testing and verifying the performance of any external pacemakers, including Atrial, Ventricular, and Transcutaneous pacemakers.

EXPMT 2000A can test a comprehensive range of functions on a wide variety of temporary external pacemakers, including:

- *Transcutaneous / Transthoracic pacemaker*
- *AV sequential pacemaker*
- *Dual Chamber pacemaker*
- *Non-Invasive pacemaker*

Netech's EXPMT 2000 is menu-driven and easy to use. It comes with a customized hard carrying case along with universal interface cables. Optional interface cables for various transcutaneous pacers are available.

★ **Compact** ★ **Easy to Use** ★ **Best Value**

PRODUCT HIGHLIGHTS

- Easy to use, Fast, Accurate & Portable
- Tests external transcutaneous, transvenous, and dual-chamber (AV) pacemakers.
- 12 Selectable Test Loads (AAMI / IEC601)
- Interactive pacemaker with five lead ECG simulations.
- Demand Sensitivity Tests
- Sensed and Paced Refractory
- 60 / 50 Immunity Tests
- 7.4 Volt Li-ion polymer battery (provides 10 hours continuous operation).
- 1MB internal flash memory for storing test records.
- Test, Save and Print records.
- Tilt-Stand for benchtop application

Ordering Information

- Part No:**
960: **EXPMT 2000 Advanced** External Pacemaker Analyzer
- Standard Accessories:**
960-CD/USB : User and Service Manual EXPMT 2000A
660-HHS-002: Li-ion Battery Charger (8.4V)
960-LOAD-BOX : Load Resistor Box
960-HARD-CASE: Hard carrying case
960-ProComPrint: ProComPrint Software
908 : Medtronic Pacer Cables
610-6383-TRANS: Transcutaneous Interface Cable



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SPECIFICATIONS

Transcutaneous Pacer

Test Load: 50 Ohm fixed
12 Selectable test loads from 100 to 1000 ohms (with load selector).
Current: 10 to 200 mA
Accuracy: ±5% +0.5 mA
Pulse Width: 0.5 to 80 ms
Accuracy: ± 1% +0.2 mS.
Sensed and Paced Refractory Period: 25 to 500 ms
Accuracy: ± 2 % or ± 25ms.

Transvenous (Atrial and Ventricular)

Test Load: 500 Ohms ± 1%
Current: 1 to 40 mA.
Accuracy: ± 5% +0.5 mA
Pulse Rate: 20 to 200 ppm
Pulse Width: 0.5 to 80 ms
Accuracy: ± 1% +0.2 mS.
Sensed and Paced Refractory Period: 25 to 500 ms
Accuracy: ± 2 % or ± 25ms.

50/60 Hz Immunity Test:
0.1 to 5 mV in 0.5 mV steps

Demand Sensitivity
Waveforms: SQR, TRI, SSQ, ECG
Amplitude: 0 to 5mV.
Width: 40 - 400 ms
Pacer Rate: 30 to 180 ppm
A - V Interval: 0 to 999 ms

General

Display: Graphic Display with backlight
Housing: ABS Plastic
Power Requirements: 7.4 Volt LI Ion polymer battery (provides approx 10 hours continuous operation)
Physical Dimensions: 7.75 x 4.0x 1.5 inches (19.7 x 10.2 x 3.8 cm)
Weight: 1 lbs (0.9 kg)

Environmental:

Operating Temperature: 59° to 95° F (15° to 35° C)
Storage Temperature: 32° to 131° F (0° to 55° C)
Maximum Humidity: 95% Relative Humidity