



OVERVIEW

EXPMT 2000 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 2000 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.

This model of the EXPMT 2000 is exclusively designed to Test Sensitivity up to 20mV for all Medtronic pacemakers including 5392.

PRODUCT HIGHLIGHTS

- Easy to use, Fast, Accurate & Portable
- Tests external transcutaneous, transvenous, and dual-chamber (AV) pacemakers.
- 12 Selectable Test Loads (AAMI/IEC-601)
- 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-LOAD-BOX : Load Resistor Box
960-2000: EXPMT 2000 External Pacemaker Analyzer	960-HARD-CASE: Hard Carrying Case
Standard Accessories (Included):	960-ProComPrint: ProComPrint Software
960-USB : User Manual	908 : Medtronic Pacer Cables (2 Sets)
660-HHS-002: Li-ion Battery Charger (7.4V)	610-6383-TRANS: Transcutaneous Interface Cable
	Full List of Optional Interface Cables Available at www.NetechBiomedical.com

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: $\pm 5\% + 0.5 \text{ mA}$

Pulse Width: 0.5 to 80 ms

Accuracy: $\pm 1\% + 0.2 \text{ mS}$.

Sensed and Paced Refractory Period: 25 to 500 ms

Accuracy: $\pm 2\%$ or $\pm 25 \text{ ms}$

131° F (0° to 55° C)
Maximum Humidity: 95%
Relative Humidity

Transvenous (Atrial and Ventricular)

Test Load: 500 Ohms $\pm 1\%$

Current: 1 to 40 mA.

Accuracy: $\pm 5\% + 0.5 \text{ mA}$

Pulse Rate: 20 to 200ppm

Pulse Width: 0.5 to 80 ms

Accuracy: $\pm 1\% + 0.2 \text{ mS}$.

General

Display: Graphic Display with backlight

Housing: ABS Plastic

Power Requirements: 7.4 Volt Li Ion polymer battery

Dimensions: 7.75 x 4.0 x 1.5 inches (19.7 x 10.2 x 3.8 cm)

Weight: 1 lbs (0.45 kg)

Environmental:

Operating Temperature: 59° to 95° F (15° to 35° C)

Storage Temperature: 32° to

Sensed and Paced Refractory Period: 25 to 500 ms

Accuracy: $\pm 2\%$ or $\pm 25 \text{ ms}$.

50/60 Hz Immunity Test: 0.5 to 20 mV in 0.5 mV steps

Demand Sensitivity

Waveforms: SQR, TRI, SSQ, ECG

Amplitude: 0 to 20mV.

Width: 40 - 400 ms

Pacer Rate: 30 to 180 ppm

A-V Interval: 0 to 999 ms

