



OVERVIEW

The MiniSim 1000, ECG & Arrhythmia Simulator is a powerful, comprehensive but basic patient simulator in a compact case. It is designed for testing the performance of basic patient monitoring instrumentation quickly and easily.

The microprocessor-based instrument is menu driven via its tactile feel keypad and easy to follow LCD display. The MiniSim 1000 provides full 12 lead ECG simulation with 14 user selectable rates from 30 to 350 BPM and 14 user selectable amplitudes from 0.15 to 5 mV. Sine, Square, and Triangle performance waveforms are simulated with 14 user selectable rates from 0.1 to 100 Hz.

The MiniSim also simulates 45 different arrhythmias including Atrial, ventricular, tall T wave, ST elevation, ST depression, myocardial infraction, blocks, pulse, and pacer waveforms. A 9-volt alkaline battery with a typical life of 40 continuous hours powers the MiniSim 1000 multi-parameter patient simulator.

PRODUCT HIGHLIGHTS

- 12 Lead ECG
- 45 Arrhythmias
- ECG Performance waveforms
- Compact, Lightweight, and Easy to Use
- Menu driven operation
- Excellent Value
- Battery or AC Operation

ORDERING INFORMATION

Part No:

300-0.1: MiniSim 1000 Patient Simulator

Standard Accessories (Included):

301-CASE: Hard Carrying Case

1000: Universal ECG Snap to banana plug adapter (set of 10)

Full List of Optional Interface Cables Available at www.NetechBiomedical.com

Energy Output:

ECG Normal Sinus

Rate: 30, 60, 70, 80, 90, 100, 120, 150, 180, 210, 240, 270, 300, 350 BPM

Amplitude: 0.15 to 5mV, High Level
Output: 0.5 Volt/mV of Low Level
(Lead II)

Test Waveforms

Sine, Triangle, Square Rate: 0.1 to 100 Hz

0.1 to 1 Hz in 0.1 Hz increments

1 to 10 Hz in 1 Hz increments, 10 to 100 Hz in 10 Hz increments

Temperature

Compatibility: YSI 400 and 700 Series.

Temperature: 25°C and 37 °C

Accuracy: 2% of setting

Calibrated Outputs

10 Calibrated DC outputs from 0.04 mV to 2 mV

Power Requirements

One 9 Volt alkaline battery or optional AC adapter

Physical Dimensions

5.5 X 3.5 X 1.5 inches
(13.9 X 8.9 X 3.8 cm)

Weight: 10 oz (0.3 kg)

Environmental

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

Storage: 32° F to 131° F
(0°C to 55°C)



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Visit our website at www.NetechBiomedical.com to browse our complete line of Biomedical Test Instruments.

