



### OVERVIEW

The MiniSim 330, EEG Simulator is designed to test EEG instruments including recorders and Sleep Study Monitors. This compact, microcontroller based instrument has five separate floating outputs and simulates Alpha, Beta Rhythm (ABR), Sine, Square and Triangle waveforms with selectable frequencies and amplitudes.

The easy-to-use MiniSim 330 is menu operated via 8 tactile feel keys and a large LCD display. High accuracy is provided by its advanced microprocessor with a crystal oscillator and precision voltage reference.

MiniSim 330 EEG Simulator is an unique test instrument that provides quick and easy performance testing of all EEG instrumentation.

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

### PRODUCT HIGHLIGHTS

- Patented EEG cup electrode Connector
- 5 Channel Independent Outputs
- Simulates ABr, SIN, Triangle
- Clean Microvolt Signals
- Selectable Amplitudes and Frequencies
- LCD Display
- Compact, Rugged Case
- Excellent Value
- Battery or AC Operation

### Ordering Information

**Part No:**

330 : Minisim EEG Simulator

**Standard Accessories:**

301 : Hard Carrying Case

302 : AC Adapter

### SPECIFICATIONS

**Waveforms**

ABR Waveforms at 1 kHz, 0.64  $\mu$ V.

Spike waveform, Sine, Square, and Triangle

**Frequencies:** 0.1, 0.5, 2, 50, and 60 Hz.

**Amplitude:** 10, 30, 50, 100, 500  $\mu$ V, 1,2, and 2.5 mV

**Key Pad:** 8 tactile membrane Keypad

**Display:** 2 line 16 character LCD Display

**Case:** High Impact Plastic

**Environmental****Operating Range:**

59° to 95° F (15° to 35° C)

**Power Requirements:**

9V Alkaline Battery

**Storage Range:**

32° to 122° F (0° to 55° C)

**Physical Dimensions**

Size: 5.5" x 3.5" x 1.5" (13.75 x 8.75 x 3.75)

Weight: 10oz (0.28 kg)

