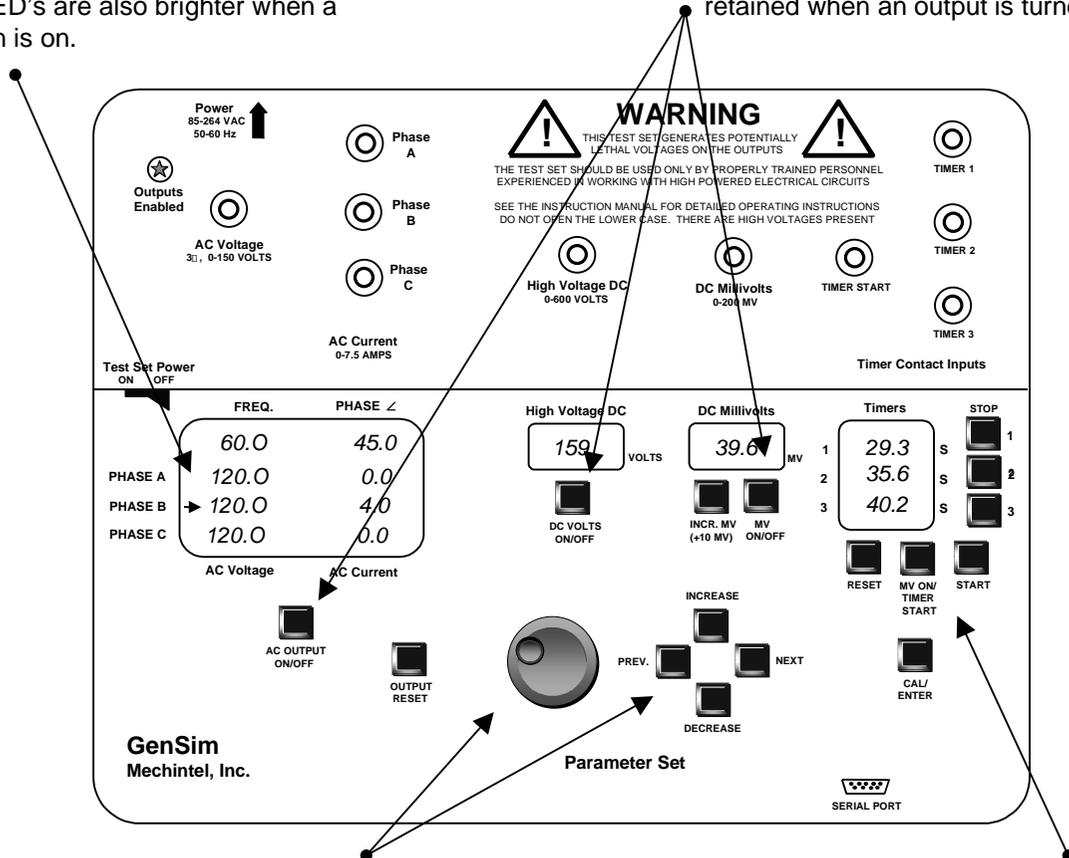


# GENSIM by Mechintel - Basic Operation Overview

The GenSim has 6 output parameters that can be independently set (AC volts, AC current, Frequency, Phase angle, High voltage DC, Millivolts DC). To set a parameter, it must first be selected. A parameter is selected using the Next and Previous buttons.

An arrow is shown to the left of the selected parameter. The selection arrow points to the right when the selected section is off and up when on. The LED's are also brighter when a section is on.

The AC section, the High Voltage DC output, and the Millivolt output can be turned on and off independent of the parameter setting process. Settings are retained when an output is turned off.



The selected parameter can be set using the control knob or the Increase or Decrease buttons. In some cases the buttons give finer control than the knob.

Parameters (except for phase angle) can be preset when they are turned off or adjusted while they are on.

The timers work independently from the rest of the system. The timers can be started and stopped using the buttons or by sensing a contact state change through the connectors. The contacts can be wet or dry. The GenSim uses 15v to sense a dry contact circuit.

Connectors are keyed with the supplied test lead cables so they cannot be connected incorrectly to the GenSim. The cables are also color coded on both ends for aid in hookup to the equipment under test.

The Millivolt output only works when the correct test lead cable is plugged in.