

SST-450

Surge Suppressor Tester



Soft Carrying Case Included



Hard Carrying Case Optional



- Quickly determine whether a suppressor is functional. Most readings obtained in under 5 seconds.
- Battery operated with auto power off. Portable for field or bench testing. Batteries last up to 5000 tests.
- Track degradation of field-installed suppressors due to the everyday spikes and surges that exist in every power grid.
- Accurate for use with protection devices from low-voltage signal and communication lines (8 to 16 volts nominal) to units designed for highway lighting mains and equipment at industrial utilization voltages (440 VAC and above).
- Custom adapters made upon request.
- Detailed operating instructions and test leads included.
- Protected by a 12-month manufacturer's warranty.

Surge suppressors protect valuable equipment from everyday voltage spikes and the inevitable effects of nearby lightning strikes. The most common type of suppressor, the MOV, gradually loses the ability to protect from the natural action of these damaging voltages. If left unchecked, the equipment will be damaged from overvoltages sooner or later. It's like changing the oil in your car engine: If you don't do it, it will cost you plenty in the long run. Check suppressor capability after three years of service and also after nearby lightning strikes. The SST-450 makes it quick and easy to add this important test to your preventive maintenance program.

The ATSI SST 450 Suppressor Tester is designed to quickly and easily test all commonly used transient voltage suppressors: metal-oxide varistors (MOVs), gas-discharge tubes (GDTs), silicon avalanche diodes (SADs), thyristor surge protective devices (TSPDs), and hybrid devices.

The tester's 1mA DC current source up to 1000 volts has both peak and average-reading detection to provide complete test parameters for both crowbar and clamp devices. Measurements are displayed with a 0.1V resolution. The tester is capable of testing suppressors with a filtering capacitor up to 200 μ F.

The tester is housed in a handheld carrying case weighing less than 2 pounds. The 16 character by 2 line LCD displays the battery level in percentage format. To conserve battery life, the unit automatically turns the power off when not used for more than 30 seconds.



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Rev. 120618