

Electro-Metrics® Electrostatic Discharge Simulator



Electro-Metric's Electrostatic Discharge (ESD) Simulation products simulate in a known and repeatable way the "static electricity" effects that we have all experienced by walking across a woolen or nylon carpet in the winter time and then touching an object such as a metal door knob or our office word processor table.

Features:

- Electro-Metrics® Electrostatic Discharge Simulators are designed to meet existing and proposed standards
- Generates repeatable, fast risetime, high voltage waveforms
- Continuously variable output to 25 kV
- Simulates human and inanimate object waveforms
- Simulates the four types of failure-related discharges
- Contact discharge, repeatable, consistent results may be anticipated
- DC probe to meet IEC 61000-4-2 and other air discharge needs when required
- The pulse counter selector permits automatic test termination by means of settings made prior to test mode
- Probe can be used in both positive and negative polarity conditions thanks to the selector on the back.
- Pulse unit trigger control provides quicker and more manageable operation
- Voltage cut-off switch for safety
- Interchangeable resistor tips to meet other standards.
- Energy storage capacitance 150pF
- Discharge resistance 330 Ohm (optional resistor tips are available)
- Military grade test equipment



Details of the main control unit



Details of the ESD gun