



With more than 30 years of history meeting ESD susceptibility testing requirements, the 930D is the industry's most refined gun solution. Focused on delivering ESD testing at the system level, ESD guns create discharge events in accordance with various industry specifications over a wide range of voltages. Operating the 930D is easy thanks to the clearly defined user interface and robust gun design. The unit's deliberate simplicity yields industry leading waveform consistency, a crucial benefit most modern guns fail to provide. With many standard and custom Discharge modules available the 930 is certain to address your system-level ESD testing needs

Plug-in Network Modules Available

HBM, IEC 61000-4-2, MM, MIL STD 331, 1512, 1576, AUTOMOTIVE

Applications

- System level ESD survivability
- Automotive testing
- Commercial electronics
- Military testing
- CE compliance testing
- UL compliance testing
- Process simulation
- Textile testing

Key Features

- Voltage range: $\pm 100 - \pm 26,000V$ (Optional: Up to $\pm 30,000V$)
- Contact and Air Discharge capabilities
- Remote discharge capability
- High Quality waveform for when accuracy counts
- Test data is stored in memory and can be easily downloaded.
- Custom discharge network modules are available
- Numerous mounts and fittings available for gun positioning
- System comes packaged in an industrial carrying case

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Questions? Here's how to contact our experts

3101 Mt Carmel Ave. Glenside, PA 19038

(215) 887-2196

sales@ets2.com

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electro-tech systems, inc.

ESD Gun: 930D

Specifications

Control Unit:

Range:

LO: $\pm 100\text{-}\pm 6000\text{V}$

HI: $\pm 3\text{-}\pm 26,000\text{V}$ (30kV optional)

HV Adjust: Single-turn potentiometer

Displays:

Voltage Level: 4½-digit LED, 0.5" (12mm) numerical

AUTO mode: 1-digit LED, 0.5 (12mm) numeric

Resolution:

LO: $\pm 1\text{V}$

HI: $\pm 10\text{V}$

Accuracy:

Better than 5%

AUTO Mode:

Discharges: 0-9

Interval: 0.3-10sec

Power: 90-260VAC, 50/60Hz

Interconnect Cable: 12' (3.7m) 15-pin sub-D conn.

Gun Unit:

HV Switch: Gas filled, 35kV, SPDT Relay
R/C Networks Available

- HBM: 100pf Cap Module & 1500 Ω Resistor Module
- IEC: 150pf/330 Ω Module & 0 Ω Resistor Module
- Automotive: 330pf/2000 Ω Module & 0 Ω Resistor Module
- MM: 200pf Cap Module & 0 Ω Resistor Module
- MIL STDs: 500, 5000pf Cap Modules 0, 500, 5000 Ω Resistor Modules
- Custom R/C Networks:
Capacitor: 60-1000pf
Resistor: 100-10,000 Ω

Output/Gnd: Standard 0.161" (4mm) Banana jack

Probe tips:

HBM, MM & IEC (Systems): 0.5" (12mm) Conical & Point

Cables:

IEC: 80" (2m) Gnd, Banana-Banana plug plus clip

HBM, MM (Devices): 18" (46cm), Banana-Minigrabber

MIL STDs: 36" (92cm), Banana-Banana plug plus clips

Options:

Bleeder resistor: 25 megohm across output and Gnd

CDM Module: Plug-in Module with 24" (61cm) HV wire

terminated with banana plug plus clip

H-Field Probe: 6" (152mm) dia. Loop

E-Field Probe: 6" (152mm) dia. Disc

Mechanical: Dimensions (Case):

19" Wx15" Dx10" H (48x38x25cm) Weight: 15 lbs (6.8kg)

Warranty: One (1) Year Parts & Labor

To ensure consistent and valid results annual calibration is required

Contact: customersupport@ets2.com for assistance.



Specifications subject to change without notice.

