

ESD Gun: 930D





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

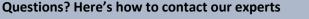
Key Features

- Voltage range: ±100 ±26,000V (Optional: Up to ±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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Specifications

Control Unit:

Range:

LO: ±100-±6000V

HI: ±3-±26,000V (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: ±1V HI: ±10V

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 & 1500Ω Resistor Module

 IEC: 150pf/330Ω Module & 0Ω Resistor Module

• Automotive: $330 pf/2000\Omega$ Module & 0Ω Resistor Module

• MM: 200pf Cap Module & 0Ω Resistor Module

• MIL STDs: 500, 5000pf Cap Modules 0, 500, 5000Ω Resistor Modules

 Custom R/C Networks: Capacitor: 60-1000pf Resistor: 100-10,000Ω

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.