

ESD Gun: 930D





With more than 30 years of history meeting ESD susceptibility testing requirements, the 930D is the industry's most consistent 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

ANSI/ESDA/JEDEC JS-001-2107, IEC 61000-4-2, MIL STD 331 & 883, Automotive ISO 10605-2008

Applications

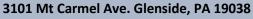
- System level ESD survivability
- Automotive testing
- Commercial electronics
- Military testing
- CE compliance testing
- UL compliance testing
- Process simulation
- Textile testing

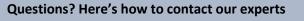
Key Features

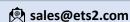
- Voltage range: ±100 ±26,000V (Optional: Up to ±30,000V)
- Contact and Air Discharge capabilities
- Remote discharge capability
- High Quality waveform where accuracy counts
- Test data is stored in memory and can be easily downloaded.
- Custom discharge network modules are available
- Numerous mounts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

D00661A

用:









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Specifications

Control Unit:

Range:

LO: ±100-±6000V

HI: ±3-±26,000V (30kV optional) HV Adjust: multi-turn potentiometer

Displays:

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

numerical

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

numeric **Resolution:**

±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.

Dimensions:

(Case): 19"Wx15"Dx10"H (48x38x25cm)

Weight: 15 lbs (6.8kg)

Gun Unit:

HV Switch: Gas filled, 35kV, SPDT Relay

R/C Networks Available

• HBM: 100pf Cap Module & 1500Ω

Resistor Module

• IEC: $150 pf/330 \Omega$ Module & 0Ω

Resistor Module

MIL STDs: 500pf Cap Modules

0, 500, 5000Ω Resistor Modules
Automotive and Custom R/C

Networks:

Capacitor: 60-1000pf Resistor: $100-5,000\Omega$

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): 8" (20cm) Banana-

Minigrabber

MIL STDs: 24" (60cm), Banana-Banana

plug plus clips

Options:

Bleeder resistor: 25 megohm across

output and Gnd

Warranty: One (1) Year Parts & Labor

To ensure consistent and valid results annual calibration is required Contact: service@ets2.com for assistance.



Specifications subject to change without notice.

