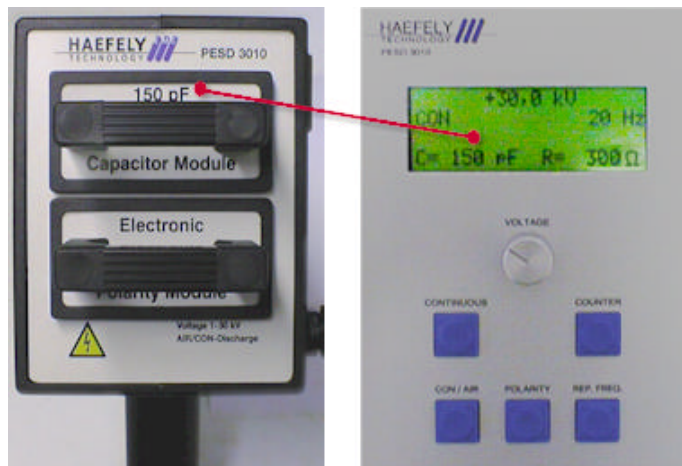




Ergonomic handle and large trigger button increase user comfort

For Your ESD Test Needs Today..



...and in the Future !

FEATURES

- 30kV Air discharge
- 30kV Contact discharge
- Standard network 150pF/330Ω
- EUT contact mode detection
- Comfortable "pistol grip" handle
- Discharge network recognition
- Light weight test pistol design
- Ultra-fast rise time ESD event
- User definable control interface
- 2 years warranty

BENEFITS

- Cost effective solution for many test standards
- Fast, easy set-up procedures.
- Easily extended to meet future requirements.
- Reliable repeatable tests
- Reduces operator work load
- Reduces operator fatigue

STANDARDS

- ☑ **IEC/EN 61000-4-2** ElectroStatic Immunity test Basic EMC standard
 - ☑ **ISO/TR 10605** Road vehicles – Electrical disturbances from ESD
 - ☑ **MIL 464** System Requirements
 - ☑ **MIL 331B** Fuse and Fuse components
 - ☑ **MIL 1542b** Space system facilities
- And many more product specific standards.

Capacitor Modules

choose any value from 50 – 1000pF

Resistor Modules

choose any value from 50 – 5000 Ohms

Clear display

with backlight function

Electronic Polarity

change at the press of a button(option)

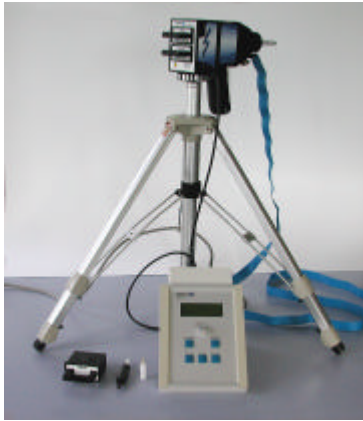
EUT Contact

automatic detection in Contact mode

Event Trigger

enable or synchronize discharge events.

TECHNICAL SPECIFICATION PESD 3010



Air Discharge	1 – 30kV	Contact Discharge	1 – 30kV
Standard Network	150pF / 330 Ohms	Voltage increment	100 volt steps
Contact Discharge Rates	Single, 1, 2, 5, 10 & 20Hz	Discharge Polarity	Positive and Negative
Discharge Counter	1 - 9999	Discharge risetime	0.7 - 1.0ns
Discharge release	Manual Trigger or remote	Weight	1.45 kg
Display	Backlit LCD	Power Supply	85 – 264V

COMPLEMENTARY PRODUCT LINES AND OPTIONAL EQUIPMENT



■ Vertical Coupling Plane

0.5m x 0.5m Vertical Coupling Plane for indirect discharge in Contact mode.

■ Electronic Polarity

A push fit module enables electronic switching of discharge polarity from the control unit front panel.

■ Capacitor Module(s)

50 – 1000pF fit into PESD 3010 rear panel. The system then automatically recognises and displays the new value.

■ Resistor Module(s)

in the range 50 – 5000 Ohms fit into PESD 3010 rear panel. The system then automatically displays the new value.



■ 2 ohm Calibration Target

Calibration of ESD simulators is made in Contact mode with the discharge tip placed against the 2Ω Calibration target (as per IEC 61000-4-2).

ORDERING INFORMATION

PESD 3010	249 963
Electronic Polarity Module	249 968
Capacitor Module(s)	On Request
Resistor Module(s)	On Request
2 Ohm Calibration Target	249 563
Vertical Coupling Plane	249 558
Horizontal Coupling Plane	249 688
ESD Test Table	249 687

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