

ESD3000 - MODULAR HANDHELD TESTER

# ELECTRO STATIC DISCHARGE TESTING



## ESD3000 Generator Variations

A modular design enables configuration with many different application networks.	Available Discharge Modules	Capacity / Resistance	Standards
	ESD3000DM1	150pF / 330 Ohm	IEC 61000-4-2
	ESD3000DM4	100pF / 1500 Ohm	MIL-STD-883 / GR78-CORE
Easy extension from 16kV to 30kV using the same hardware.	ESD3000DM6	100pF / 1500 Ohm	IEC 61340-3-1 / JEDEC 22-A114 / MIL-STD-750D
	Available Discharge Networks	(requires RM32 Relay Modules)	
	ESD3000DN1	150pF / 330 Ohm	ISO 10605 / SAEJSSI-IS/FORD AB/AC /GMW 3097
	ESD3000DN2	330pF / 2000 Ohm	ISO 10605 / SAEJSSI-IS/FORD AB/AC /GMW 3097
	ESD3000DN3	150pF / 2000 Ohm	ISO 10605 / SAEJSSI-IS/FORD AB/AC /GMW 3097
	ESD3000DN4	500pF / 5000 Ohm	STANAG 4239 / ISO 14304 / MIL-STD-1512
	ESD3000DN5	500pF / 500 Ohm	MIL-STD-331C / MIL-DTL-23659D / STANAG 4239
	ESD3000DN6	330pF / 330 Ohm	ISO 10605 / SAEJSSI-IS/FORD AB/AC /GMW 3097
	ESD3000DN32-MIL3	500pF / 0 Ohm	MIL-STD-1576

### Features

- › Up to 8 hours on full battery charge
- › Electronic polarity change
- › Programm test setups and ramps
- › One tester for all networks/modules
- › Air- and contact discharge up to 30kV

### Benefits

- › Incl. mains adapter, batteries & charger
- › Ergonomic tester. No base unit
- › Extend testing capability on-site
- › Battery charging while testing
- › Online firmware updates

## Accessories



### Included Articles

- › Rechargeable long-life batteries, mains adapter
- › Up to 3 test tips (Sharp, Round, Corona)
- › Charger & Firmware update cable
- › Handy, robust carrying case

Accessories	Description
Vertical Coupling Plate	According IEC 61000-4-2 Standard
Horizontal Coupling Plate	According IEC 61000-4-2 Standard
Test Cabinet	for testing explosive devices, need safety switch
Measurement voltage divider	Target for ESD DC voltage measurement
Calibration Target	Current measurement for impulses up to 30kV
Magnetic Field Loop	Simulation of Fast charging magnetic field
Discharge Module Extension	1m extension cable for discharge modules
Software	Remote control and report generation