



APPLICATION SHEET

1-PHASE POWERED EQUIPMENT



There are multiple test types applied to consumer, household and Industrial electronics operated on single phase supply up to 230Vac/16A current. Generic and product standards specify which test types are relevant. ESD is a test type used on every product and is incorporated into the CE testing requirements for the European Union (EU). Other international standard requirements such as from the IEC and IEEE/ANSI focus on EFT/Burst and surge testing of power lines with coupling both in differential and common modes.

Test types

- › EFT/Burst Impulses
- › Combination Wave Impulses
- › 100 kHz Ringwave
- › AC DIPS / Variations
- › AC and Impulse Magnetic Field
- › ESD
- › 0-150 kHz Common Mode

Standards

- › IEC 61000-4-2
- › IEC 61000-4-3
- › IEC 61000-4-4
- › IEC 61000-4-5
- › IEC 61000-4-6
- › IEC 61000-4-7
- › IEC 61000-4-8
- › IEC 61000-4-9
- › IEC 61000-4-11
- › IEC 61000-4-12
- › IEC 61000-4-13
- › IEC 61000-4-14
- › IEC 61000-4-15
- › IEC 61000-4-16

DOW-CG1



Compact generator for Damped Oscillatory Wave testing. Integrated three phase CDN for Slow and Fast waves. Magnetic Field output for 1m or 2m coil. Can be extended with insulation test impulses up to 8 kV.

ESD3000



AA Battery operated handheld ESD Simulator up to 30kV. Modular design with networks for a broad range of standards and applications.

IMU-MGS



Compact generator for EFT/Burst and SURGE up to 5KV. Integrated 16 A CDN. Extend with ESD, Dips/Interrupts and Common Mode.

MORE OPTIONS & COMFORT



Touch panel technology and a mature operating system interface IMU generators with the new CDN range enabling greater flexibility and adding new capabilities.

TEMA3000 - SOFTWARE TEST SUITE

The ideal solution for our latest test generators.

Create and manage Tests and Sequences. Integrate DSO measurements in professional reports. Import and export Test Setups and Sequences. Smart test functions and predefined Test Library.



APPLICATION
INFORMATION