

APPLICATION SHEET

MARITIME SYSTEMS



Ships and submarines are subject to specific test requirements. Because of their exposed nature, surface ships are particularly prone to direct lightning strikes. As a consequence, on-board electronic systems are subject to the test requirements for indirect lightning impulses. Submarine power systems are subject to voltage spike testing using the MIL-STD-461 CS106 specification. As for all electronic equipment, ESD is also required along with oscillatory wave and bulk current impulses.

Test types

- › CS106, CS06 Voltage Spike
- › CS117 Indirect Lightning
- › CS116 Oscillatory Waves
- › CS115 Bulk Current Injection
- › CS118 ESD

Standards

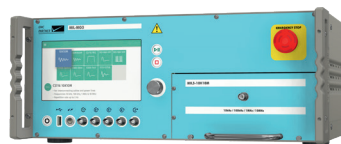
- › MIL-STD-461

ESD3000



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

MIL-MG3



Portable multifunction impulse test generator with plug-ins for MIL-STD and DO-160 applications. Test capability is easily extended with the seven plug-in modules. Couplers and calibration accessories complete the solution.

MORE OPTIONS & COMFORT



MIL-MG3 modular technology brings a flexible approach to MIL-STD test equipment. Apart from meeting the current MIL-STD-461 G version, modules are also available for the previous versions such as CS106 voltage spike requirements from MIL-STD-461 F.

TEMA3000 - SOFTWARE TEST SUITE

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