

## MIL-MG3

# SMART TEST SYSTEM FOR MIL-STD-461 & DO-160 TESTING



### Overview

MIL-MG3 is tailored to CS106, CS115 and CS116 test requirements. This latest system has been enhanced by the addition of modules for CS06 testing and user specific frequency modules for CS116. The plug-in modular design gives users the flexibility of adding modules to perform DO-160 section 17 and section 19 testing, as well as MIL-STD-1275 all from the same MIG-MG3 main-frame. A single coupler enables calibration and testing to CS115 and CS116 without disturbing the test setup making the process faster and more efficient. Ease of use, predefined test routines and a single universal coupler make MIL-MG3 the most efficient and technically advanced instrument available today.

MIL-STD-461 testing	Required plugin	Test type
MIL-STD-461 / CS06	MIL3-SPIKE-FAST	Transients, Power Leads
MIL-STD-461 / CS06	MIL3-SPIKE-SLOW	Transients, Power Leads
MIL-STD-461 / CS106	MIL3-SPIKE	Transients, Power Leads
MIL-STD-461 / CS115	MIL3-REC	Bulk cable injection impulse
MIL-STD-461 / CS116	MIL3-10K10M	Damped sinusoidal transients
MIL-STD-461 / CS116	MIL3-30M100M	Damped sinusoidal transients
MIL-STD-1275 testing		
MIL-STD-1275	MIL3-1275	Voltage spikes
DO-160 testing		
DO-160 SECTION 17	MIL3-DO-160-S17	Voltage spikes
DO-160 SECTION 19	MIL3-DO-160-S19	Inductive switching transients

### Features

- › Interface with predefined test routines
- › Precise waveform generation
- › High Q-factor for accurate measurements
- › One coupler for both CS115 & CS116
- › Plugins avoid reflections & matching issues
- › Supports DO-160 Section 17 & 19 testing

### Benefits

- › Higher Accuracy
- › Improved Reliability
- › Cleaner Test Signals
- › Reduced Debugging Time
- › Cost efficient & reliable

### More options and comfort with EPOS powered generators



Touch screen panel technology and a mature operating system interface for the MIL test systems enables great flexibility and comfortable test setup customization.

### Software suite

Create and save single tests and sequences, automate report generation or integrate a DSO into the test environment. TEMA3000 can do all this and more. What can it do for you?



PRODUCT  
INFORMATION