



Induced Signal Susceptibility Generator

ISS 160S19

■ RTCA/DO-160 F/G

Features

- > 5.7-inch color touch screen front panel operation
- > Direct coupling mode

Introduction

The ISS 160S19 Induced Signal Susceptibility Generator complies with RTCA/DO-160 F/G standards and meets the test requirements for induced spikes on interconnects and cables in induced signal susceptibility tests.

This unit is built on the third-generation intelligent control platform. Its distinctive color touchscreen interface delivers excellent human-machine interaction with straightforward operation. Users only need to configure test parameters on the setting page, then the system will automatically run all test sequences. It features high system integration, intelligent control, easy operation and shorter test cycles.

Application Areas



Technical
Parameters

Pulse Burst Duration T ₁	50 μs ~ 1,000 μs
Spike Repetition Period T ₂	0.2 μs ~ 10 μs
Output Voltage	≥ 600 V
Polarity	+, -, + than -
Coupling Mode	Direct coupling
Repetition Rate	0.1 ~ 10 Hz
Test Duration	1 s ~ 60,000 s
Trigger Mode	Manual, automatic, external trigger
Auxiliary Port	Ethernet port

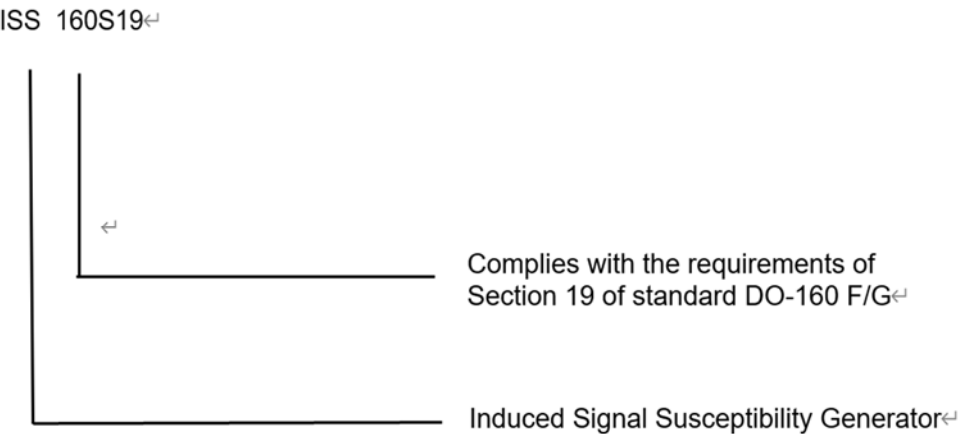
General
Parameters

Working Power	AC 110/220 V, ±10%, 45 Hz ~ 65 Hz
Ambient Temperature	0°C ~ 35°C
Relative Humidity	15% ~ 35%
Dimension	19-inch, 4U rack, 450(W)*190(H)*620(D) mm
Weight	Approx. 10 kg

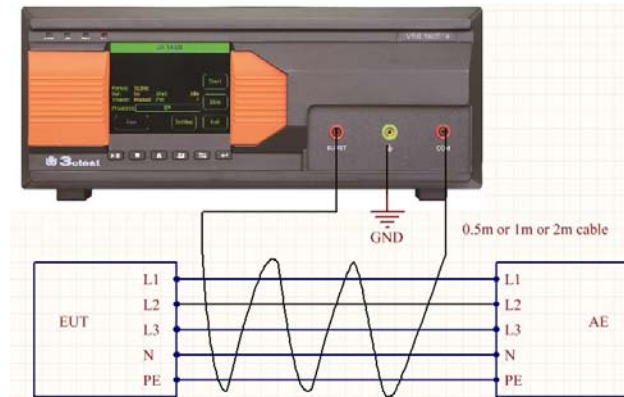
Standard Accessories

Main Unit, Test Cables, Power Cord, Grounding Wire, User Manual

Naming Rule



Test Connection Schematic



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