



NSG 5500 AUTOMOTIVE TRANSIENT IMMUNITY TESTS



- Built-in 100 A coupler/battery switch
- Clean, compliant pulses on the single output
- All common international and vehicle manufacturer standard transients achieved in one compact solution

The compact and modular NSG 5500 solution offers the generators necessary for tests with capacitive discharge pulsed interference as called for by ISO, SAE, DIN and JASO, and others. The established test specifications for passenger cars together with the new standards for commercial vehicles published by these international and other bodies are fully covered, as are the most company-specific standards from vehicle manufacturers. Based on our exclusive Gemini technology, Teseq offers the most flexible and upgradeable system to protect the users' investment.

NSG 5500 system. This compact mainframe houses the common system components and accommodates the standard pulse generators. All testing is available from one output connector. An electronic switch to connect and disconnect the battery supply is in-corporated in the NSG 5500. Additional inputs and outputs are located on the rear panel for test execution control purposes and the monitoring of error signals, oscilloscope triggers, gate start/stop commands, etc. Overall control is via a PC running AutoStar™ under Windows.

NSG 5500 modules. The NSG 5500 offers unprecedented flexibility for transient testing. Teseq has designed a solution with various transients in one modular and upgradeable chassis. The basic ISO 7637 tests for pulse 1, 2a, 3, 5, 6 and 7 and variants are integrated into the same chassis. Optional pulse 4 and pulse 2b control is available, however, use with the NSG 5600 offers several benefits over this budget solution. Additionally, when standards change, as they do every year, the NSG 5500 system may be upgraded with different modules when necessary so that your new and old modules may both be retained, either exchanged with new modules or loaded into an optional expansion chassis. Based on our exclusive technology, Teseq offers the most flexible and upgradeable system in the world to protect the users' investment in test equipment.



All NSG 5500 generators are calibrated in accordance with ISO 7637-2:2004 or manufacturer-specific standards. Teseq continues to maintain back-wards compatibility and yet push the state of the art for EMC immunity testing.

For more details, see the complete catalog "Conducted Automotive EMC".

