



NSG 5600 COMPLEX VOLTAGE VARIATIONS, MAGNETIC FIELD TEST, SINUSOIDAL BURST



- **Up to 4 synchronized function operators**
- **Accessories for dips and drops power magnetics and transformer coupled sine wave noise tests**
- **May control other manufacturers power amplifiers**

Utilizing the only automotive EMC specific synchronized, multi-channel function generator (FG) in the world, the software integrates the various system components seamlessly into the overall system concept with uniform operating procedures and user guidance together with a comprehensive test result reporting facility.

NSG 5600. Designed to be used either alone or in combination with a NSG 5500 system, the NSG 5600 is designed to simulate events that include voltage dropouts, sinusoidal noise and other events superimposed on the automotive battery: Dips and drops, and ISO and SAE pulse 2b and pulse 4 and other starting profiles. The NSG 5600 is the leader in synchronized voltage variations, such as power cycling tests (on up to four FGs) as required by various standards such as CI 230 defined in the Ford ES-XW7T-1A278-AB and AC standards. Additionally, the NSG 5600 may be configured for magnetic field immunity testing.

NSG 5600 concept. Teseq continues to utilize its well accepted modular concept of a 19" basic chassis containing all the power supply components and, if required, the sinusoidal burst-transformer, the control and signal bus boards as well as the common inputs and outputs for the safety circuits and signals for the expanded control and monitoring of the test.

Therefore, as with the complimentary NSG 5500, Teseq's modular concept, new capabilities can be quickly implemented. Modular and flexible test systems equal protection of investment for the user. Teseq offers rack-mounted solutions with suitable internal cabling and mains control panel as accessories, configured to the user's needs.

For more details, please see the complete catalog "Automotive Electrical Disturbances".

