

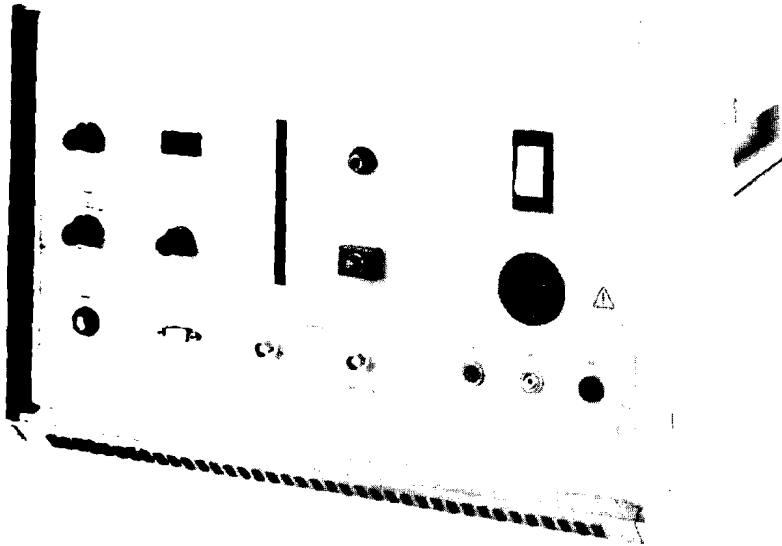


Advanced Test Equipment Rentals
www.atecorp.com 800-404-ATEC (2832)

ms-SURGE GENERATOR

NSG 560

OPERATING INSTRUCTIONS



601-123A

7 Technical specifications

Pulse amplitude	0 ... 800 V (open-circuit)
Setting and display accuracy	5%
Pulse rise time, t_r	0.1 ms approx. (load-dependent)
Pulse width, t_p	0.3 ms (-10%, +25%) to 1.3 ms (-5%, +15%) open-circuit, settable in five steps
Phase angle	$5^\circ \dots \leq 100^\circ$
Internal impedance	0.1 ... 0.2 Ω approx. (dynamic)
Mains coupling	Semiconductor network. Remanent pulse on the power input, practically 0
EUT power input	100 ... 230 Vac nominal, 260 Vac max. 16 A, 50/60 Hz
Generator power input	115/230 Vac +15%/-20%, 50/60 Hz
Power consumption	380 VA approx.
Inputs/outputs	<ul style="list-style-type: none"> - IEC instrument connector for the generator power input - Interlock and warning lamp connector (8-pin) - 16 A instrument connector for the EUT power input - EUT supply outlet (mains socket / safety laboratory sockets) - Ext. trigger (TTL-level) for pulse triggering - Voltage monitor, attenuated 100:1, BNC, electrically isolated

