



CS106 Pulse Generator



This generator is designed for the test of the transients conducted susceptibility of power leads according to MIL-STD-462 / CS06 and MIL-STD-461F / CS106. These requirements are applicable to submarine and surface ship equipment and subsystem AC and DC input power leads, not including grounds and neutrals. The pulse generator can be ordered with all the accessories in order to build the full test set-up basically consisting of an injection transformer, a calibration load, an oscilloscope, etc. The generator can be fully controlled by a computer through a RS232 and USB interface.

SPECIFICATIONS

Type	PG-CS106
Standard	MIL-STD-462 CS06 and MIL-STD-461F CS106
Charging voltage	0 - 1 kV
Repetition rate	1 - 20 pulses per second
Rise time (0 - 100 %)	1.5 μ s \pm 0.5 μ s (on 5 Ω)
Fall time (100 - 0 %)	3.5 μ s \pm 0.5 μ s (on 5 Ω)
Pulse duration (0 - 0 %)	5 μ s \pm 22 % (on 5 Ω)
Output impedance	\leq 2 Ω
Output connector	N
Remote control	RS232 and USB
Power supply	85 - 264 V _{ac} / 50 - 60 Hz / 150 VA
Dimensions	45 x 19 x 56 cm (W x H x L)
Weight	13 kg