

## Surge Generator for MIL-STD 1275



This generator PG1275 is specially designed for the test of the susceptibility to surges and spikes of military 28 Vdc electric circuits. The equipment allows performing the following tests according to MIL-STD 1275D of: imported and exported spikes, imported and exported surges. The surge voltages are supported up to 125 V and the spike charging voltage up to +/-500 V. The maximum permanent current of the 5  $\mu$ H internal coil is 400 A dc. The pulse generator can be ordered with all the accessories in order to build the full test set-up basically consisting of batteries and an oscilloscope. The generator can be fully controlled by a computer through a RS232 or an USB interface.

### SPECIFICATIONS

<b>Type</b>	<b>PG1275</b>
<b>Standard</b>	MIL-STD-1275D
<b>Transients supported</b>	imported and exported spikes imported and exported surges
<b>Test equipment operating voltage</b>	28 Vdc
<b>Test equipment operating current</b>	400 A
<b>Inductor</b>	5 $\mu$ H 400 A
<b>Output connectors</b>	ITT IP67 400 A
<b>Remote control</b>	RS232 and USB
<b>Operating temperature</b>	0 – 40 °C
<b>Power supply</b>	90 - 264 V <sub>ac</sub> / 50 - 60 Hz / 100 VA
<b>Dimensions</b>	53 x 53 x 53 cm (W x H x L)
<b>Weight</b>	50 kg