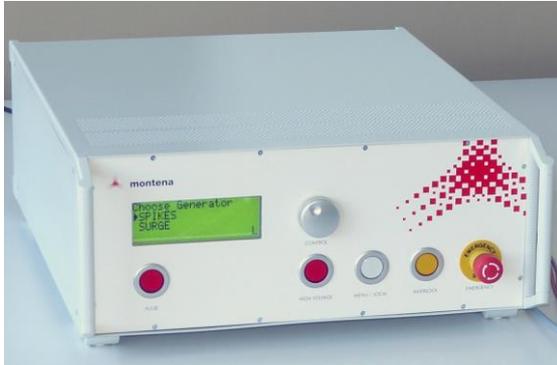




montena

Surge Generator for MIL-STD 1275E



This generator PG1275E is specially designed for the test of the susceptibility to surges and spikes of military 28 V_{dc} electric circuits according to MIL-STD-1275E. The maximum permanent current is 16 A or is given by the optional external diode module of 400 A (DM400, picture on the right). For the spikes test, the current limit is given by the external 5 μ H LISN (artificial network). Different versions of LISN are available. The generator can be fully controlled by a computer through a RS232 or an USB interface.

SPECIFICATIONS

Type	PG1275E
Transients supported	injected spikes and injected surges
EUT operating voltage	28 Vdc
EUT operating current (spikes)	depending on the LISN
EUT operating current (surges)	16 A (400 A with the DM400 diode module)
Surge charging voltage	up to 200 V
Spike charging voltage	up to \pm 500 V
Output connectors	BNC and 4 mm safety sockets
Remote control	RS232 and USB
Operating temperature	0 – 40 °C
Power supply	210 - 264 V _{ac} / 50 - 60 Hz / 100 VA
Dimensions	610 x 450 x 200 mm (L x W x H)
Weight	22 kg

Type	DM400
Description	external diode module
Maximum continuous current	400 A
Connector	large binding posts
Dimensions	350 x 180 x 170 mm (L x W x H)
Weight	1.6 kg