



PCI - Charge Line Generator



This generator is used to measure the performance of antenna points of entry according to MIL-STD188-125-2 (PCI: pulse current injection). A separate mobile high voltage unit allows the application of the pulse close to the point of entry to test. The charge line is easy to exchange and is supplied in different lengths covering the required frequency range. The generator can be fully controlled by a computer through a RS232 and USB interface. We also provide all the necessary accessories like current probes, connector adapters, fibre optic links, etc. The automation software is also proposed as an option.

SPECIFICATIONS

Type	CLP40K
Standard	MIL-STD-188-125-2 / charge line
Charging voltage	0.2 - 25 kV, positive only
Peak short circuit current	≥ 400 A
Source impedance	50 ohm
Rise time of the current, on 50 ohm	< 5 ns
Loading time	< 30 sec
Charge line and output connectors	HVMEM50K (proprietary)
Interface	RS 232 / USB
Power rating	85 - 264 Vac / 50 - 60 Hz / 150 VA
Storage / working temperature	5 - 50 °C / 10 - 45 °C
Dimensions (control unit / HV unit)	56 x 19 x 45 cm / 30 x 12 x 20 cm (L x H x W)
Weight (control unit / HV unit)	15.1 / 3.2 kg