

# PCI - Short Pulse Generator 350 kV

This generator is used to measure the performance of conductive points of entry and of protective devices according to MIL-STD188-125-1/2 (PCI: pulse current injection). It produces double exponential current pulses of short duration up to 5 kA. It can be fully controlled by a computer through a RS232 and USB interface. We provide all the necessary accessories like current probes, coupling and decoupling networks, fibre optic links, etc. The automation software is also proposed as an option.



## SPECIFICATIONS

<b>Type</b>	<b>EMP300K-5-500</b>
Standard	MIL-STD-188-125-1 and -2 / short pulse
Type	Marx + peaking
Peak erected voltage	100 to 350 kV, positive only
Peak short circuit current	1.5 to 5 kA
Source impedance	> 60 ohm
Current rise time (short circuit)	< 20 ns
Current pulse length (short circuit)	500 - 550 ns (FWHM)
Repetition frequency	1 pulse every 30 sec
Insulation	SF <sub>6</sub> and N <sub>2</sub>
Output connector	custom (connecting bar)
Interface	RS 232 and USB
Power rating	200 - 264 V <sub>ac</sub> / 50 - 60 Hz / 600 VA
Storage / working temperature	5 - 50 °C / 10 - 45 °C
Dimensions (control unit / generator)	45 x 19 x 56 cm / 60 x 42 x 188 cm (W x H x L)
Weight (control unit / generator)	13 / 175 kg

Sales Partner:



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