

PCI - Intermediate Pulse Generator



This generator is used to measure the performance of points of entry and of protective devices according to MIL-STD188-125-1/2 (PCI: pulse current injection). It produces double exponential pulses of intermediate duration according to MIL-STD188-125-1/2. The test equipment is easy to use and safe. It can be fully controlled by a computer through a RS232 and USB interface. We also 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

Type	IPP3K-4MS
Standard	MIL-STD-188-125-1 and -2 / intermediate pulse
Charging voltage	3.0 kV max, positive only
Peak short circuit current	260 A max
Source impedance	> 10 Ω (typically 11 Ω)
Pulse shape	double exponential waveform
Current rise time (short circuit)	0.6 μ s
Current pulse length (short circuit)	3.4 ms (FWHM)
Repetition frequency	1 pulse every 45 sec
Output connectors	Multicontact (safety connectors)
Interface	RS 232 / USB
Power rating	200 V to 264 V / 50 / 60 Hz / 1.6 kVA peak
Storage / working temperature	5 - 50 $^{\circ}$ C / 10 - 45 $^{\circ}$ C
Dimensions (L x H x W)	55 x 40 x 51 cm
Weight	42 kg