

# PCI E2 Intermediate Pulse generator



This generator is used to verify the performance of EMP protective devices in accordance with the MIL-STD 188-125-1/2 (PCI: pulse current injection). This generator produces double exponential pulses, corresponding to the MIL-STD definition of the intermediate-time (E2) pulse. The test & measurement equipment can be fully controlled by a computer. We also provide all 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
Standards	MIL-STD-188-125-1 and -2 / PCI Intermediate Pulse (E2)
Charging voltage	3.0 kV max, positive only
Peak short circuit current	260 A max
Source impedance	≥ 10 Ω (typ. 11 Ω)
Pulse shape	double exponential waveform
Current rise time (short circuit)	< 1.5 μs
Current pulse length (short circuit)	3 – 5 ms (FWHM)
Repetition frequency	1 pulse every minute, @ 100% FSD
Output connectors	4 outputs, Multicontact (safety connectors)
Interface	RS 232 / USB
Power rating	90 - 264 V / 50 - 60 Hz / 1.6 kVA
Storage / working temperature	5 - 50 °C / 10 - 45 °C
Dimensions (W x H x L)	51 x 40 x 55 cm
Weight	42 kg