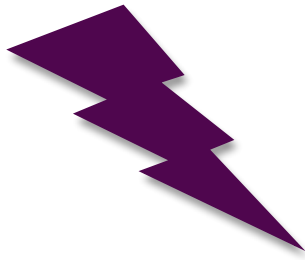


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Honesty In Instrumentation

Prima EMC Model PFM61009T

IEC 61000-4-9 Pulsed Magnetic Field

The Model PFM61009T Pulsed Magnetic Field Generator is designed for testing to the IEC 61000-4-9 specifications relating to Pulse Magnetic Fields of a direct conductor nature that are generated by lightning strikes to buildings and other metal structures including aerial masts, earth conductors and earth networks and by initial fault transients in High Voltage sub stations. A pulse Magnetic Field may also be generated by the switching of High Voltage bus bars and lines by circuit breakers In High Voltage Sub Stations.

The instrument is designed for ease of use via the large 7 inch easy to read and navigate color touch screen. Built in test standards allow for immediate testing while user defined routines are just a tap away via the touch screen. The PFM61000-4-9 series is built for ruggedness and longevity with quality and dependability being first and foremost.



PFM61009T

Specifications

IEC 61000-4-9 Pulsed Magnetic Field

Magnetic Field Intensity	0 A/m to 3000 A/m	
Pulsed Magnetic Field Voltage Waveform	Rise Time	1.2 us \pm 30%
	Pulse Width	50 us \pm 30%
Pulsed Magnetic Field Current Waveform	Rise Time	6.4 us \pm 30%
	Pulse Width	16 us \pm 30%
Integrated Wave Output Impedance	$2\Omega \pm 0.25\Omega$	
Maximum Open Circuit Voltage	6.0 kV	
Maximum Short Circuit Current	3.0 kV	
Output Polarity	Positive or Negative	
Pulse Trigger	Manual or Automatic	
Trigger Mode	Automatic or Manual	
Magnetic Pulse Count	1 to 9999	
Pulse Interval	10 seconds to 99.99 seconds	
Primary Power	110 volts ac to 240 volts ac, 50/60 Hz	
Size	450 x 520 x 174 mm	
Remote Interface	USB, GPIB	
Display	7" Touchscreen, Color	