

Surge Testers

MegaPulse 1.2x50-10P PV



1.2x50 waveform output, 800–10kV

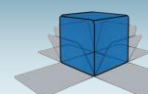
A Compliance West surge Tester. That means it outputs a guaranteed waveform but won't break the bank. The tester outputs the waveform it is supposed to, time after time.

Built in the USA. Email and phone support free for life. Reasonable repair and calibration charges. Timely and helpful customer service always.

Complies with IEC 61730-2 Para 10.5.3 and IEC 1180 tolerances for a 1.2x50 waveform when testing a PV panel with a capacitance range from 10nF – 100nF. Tabs from 100nF – 180nF are provided for reference testing only.

Features

- Up to 10kV test voltage.
- Microcontroller technologies, front panel voltage meter indicates test peak open circuit voltage and polarity.
- Output voltage and polarity are controlled manually from the front panel.
- Ergonomically designed for safety, speed and efficiency.
- Cables, manual and calibration certificate included.
- 0nF Tab included for open circuit waveform evaluation.
- External Safety Interlock included.
- Optional USB Testminder, computer control.
- One year calibration cycle.
- One year warranty.



Megapulse 1.2x50-10P PV



Specifications

Output Peak:	800V – 10kV Tolerance $\pm 3\%$
Voltage Rise Time:	1.2 μ S, tolerance -10%, +50% [Trise=1.67(T90%-T30%)]
Voltage Duration Time:	50 μ S, tolerance $\pm 20\%$
Voltage Control:	Manually, by turning a knob in front panel
Polarity Control:	Positive and negative. Alternating control available with optional computer control
Charge Time:	12 seconds nominal
Voltage Display:	5 digit LED display
Voltage Meter Accuracy:	800 to 999V $\pm 10V$, 1000 to 10,000V $\pm 50V$
Duty Cycle:	60 Seconds
Line Voltage:	120V AC, 50/60Hz *optional different line voltage



Environmental

Operating Temperature:	15-40 °C
Relative Humidity Range:	0-90% non-condensing



General

Dimensions:	17" wide x 18" high x 17" in deep
Weight:	80 lbs approx.
Product Package:	<ul style="list-style-type: none">• Megapulse 1.2x50-10P PV tester• Megapulse 1.2x50-10P PV product manual• Two High Voltage Test Lead (Black), 3 feet• Two High Voltage Test Lead (Red), 3 feet• NIST traceable calibration certificate to ANSI Z540• Calibration waveforms



Options

TMM:	Testminder USB computer interface software. The tester can be controlled with a computer. It can also be set to automatically follow test sequences and keep a record with test information. Compatible with Windows 32bit platform.
220, 230 or 240:	If a different line voltage is desired, with this option we install a step down transformer to be compatible with your line voltage. 220 is for 220V, 230 for 230V and 240 for 240V.
BNCV:	Voltage BNC 1000:1 (Reference only).

