

Surge Testers

Megapulse 1.2x50/8x20-6.6P PC 2ohm



1.2x50/8x20 waveform with 2Ω output, 400–6.6kV

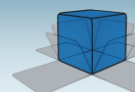
A Compliance West surge Tester. That means it outputs a guaranteed waveform but won't break the bank. The tester outputs the waveform it is supposed to, time after time.

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

Complies with the standard IEC 61000-4-5, AC power port testing.

Features

- Up to 6.6kV 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.
- Phase control pulse insertion 0-360°.
- Coupling resistors as per ITU, FCC part 68 and IEC 61000-4-5 for 2 & 4 wire included.
- Safety interlock.
- Optional USB Testminder, computer control.
- One year calibration cycle.
- One year warranty.



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Specifications

Output Peak:	400V – 6.6kV Tolerance $\pm 3\%$
Open Circuit Rise Time:	1.2 μ S, tolerance $\pm 30\%$ [Trise=1.67(T90%-T30%)]
Open Circuit Duration Time:	50 μ S, tolerance $\pm 20\%$
Short peak current:	200-3300A @ 2ohm, tolerance $\pm 10\%$
Short Circuit Rise Time:	8 μ S, tolerance $\pm 10\%$ [Trise=1.25(T90%-T10%)]
Short Circuit Duration Time:	20 μ S, tolerance $\pm 10\%$
Telecom Coupling resistances:	T1, T2, T3, T4 (25ohms & 100ohm each)
Voltage Control:	Manually, by turning a knob in front panel
Polarity Control:	Positive and negative. Alternating control available with optional computer control
Voltage Display:	4 digit LED display
Voltage Meter Accuracy:	400 to 999V $\pm 10V$, 1000 to 6600V $\pm 50V$
Duty Cycle:	A pulse every 20 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 6U high x 17" in deep
Weight:	65 lbs approx
Product Package:	<ul style="list-style-type: none">• Megapulse tester• Megapulse product manual• High Voltage Test Lead (Black), 4 feet• High Voltage Test Lead (Red), 4 feet• NIST traceable calibration certificate to ANSI Z540• Calibration waveforms

Options

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.
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.