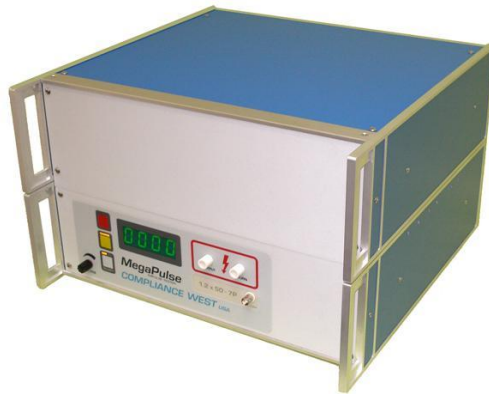


# Surge Testers

## MegaPulse 1.2x50-12PF



\*Image for reference only

### 1.2x50 waveform with 12Ω or 39Ω output, 400–12kV

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.

Complies with the following standards:

- IEC 60060 Sec 6, Fig 6
- IEC 60335-1 Chap 14 Table 6
- IEC 60065 Annex K, Fig 7b (option)
- IEC 61180-1 Sec 6
- IEC 61180-2 Sec 7
- UL 60950 Annex N (option)

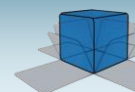
### Features

- Up to 12kV test voltage.
- Updated front panel with digital switches.
- Output voltage selected digitally on the front panel.
- Integrated High Voltage on hold circuit.
- Microcontroller technologies.
- Ergonomically designed for safety, speed and efficiency.
- Cables, manual and calibration certificate included.
- Optional USB TestMinder, computer control, auto trigger via USB.
- Optional external interlock disables HV output and defeats test when circuit is open.
- One year calibration cycle.
- One year warranty.

Ver 1.0

[www.compwest.com](http://www.compwest.com)

(800) 748-6224



**COMPLIANCE WEST USA**  
The blue box that tests. And tests.

# Megapulse 1.2x50-12PF



## Specifications

Output Peak:	400V – 12kV Tolerance $\pm 3\%$
Open Circuit Rise Time:	1.2 $\mu$ S, tolerance $\pm 30\%$ [Trise=1.67(T90%-T30%)]
Open Circuit Duration Time:	50 $\mu$ S, tolerance $\pm 20\%$
Short peak current:	1000A for 12ohm output testers 300A for 39ohm output testers
Voltage Control:	Manually, by turning a knob in front panel
Polarity Control:	Positive and negative. Alternating control available with optional computer control
Charge Time:	3 seconds nominal
Voltage Display:	5 digit LED display
Voltage Meter Accuracy:	400 to 999V $\pm 10V$ , 1000 to 12000V $\pm 50V$
Duty Cycle:	A pulse every 60s for the test above 6kV, 30s for 6kV or less
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 12" high x 17" in deep
Weight:	40 lbs approx
Product Package:	<ul style="list-style-type: none"><li>• Megapulse 1.2x50-12PF tester</li><li>• Megapulse 1.2x50-12PF product manual</li><li>• High Voltage Test Lead (Black), 4 feet</li><li>• High Voltage Test Lead (Red), 4 feet</li><li>• NIST traceable calibration certificate to ANSI Z540</li><li>• Calibration waveforms</li></ul>



## Options

950-12; 950-39	Provides test capability to IEC 60065 Annex K Line 2 and UL 60950 Annex N Line 2.
XI:	External interlock; two position terminal block on rear panel must be shorted for high voltage operation.
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.

