

Megapulse Capacitor series A



1.2x46 Waveform to test capacitors from 0uF to 0.027uF

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 60384-14

FEATURES

Up to 8kV test voltage.

Microcontroller technologies, front panel voltage meter indicates test peak open circuit voltage and polarity.

Output voltage is controlled manually from the front panel.

Ergonomically designed for safety, speed and efficiency.

Cables, manual and calibration certificate included.

Optional USB Testminder, computer control.

Optional external interlock disables HV output and defeats test when circuit is open.

One year calibration cycle.

One year warranty.

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Specifications

Output Voltage:	400 - 8,000 V, tolerance $\pm 3\%$
Main Capacitance:	0.25 μF
Open Circuit Rise Time:	1.2 μs , tolerance 0 + 50%
Open Circuit Duration Time:	46 μs , tolerance 0 + 50%
Test Capacitor Ranges:	$\leq 0.0039\mu\text{F}$ > 0.0039 μF , $\leq 0.012\mu\text{F}$ > 0.012 μF , $\leq 0.018\mu\text{F}$ > 0.018 μF , $\leq 0.027\mu\text{F}$
Voltage Control:	Manually, by turning a knob in the front panel
Polarity Control:	Not available
Voltage Display:	4 Digit LED Display
Voltage Meter Accuracy:	400 to 999 V ± 10 V, 1000 to 8000 V ± 30 V
Duty Cycle:	A pulse every 10s
Line Voltage:	120V AC, 1 A, 50/60Hz *optional different line voltage

Environmental

Operation Temperature:	15 - 40 °C
Relative Humidity Range:	0 - 90 % Non-Condensing

General

Dimensions:	17" Wide x 6" High x 17" in Deep.
Weight:	35 lbs approx.
Product Package:	Megapulse Capacitor series A Tester Megapulse Capacitor series A Product Manual High Voltage Test Lead (Black), 4 feet High Voltage Test Lead (Red), 4 feet High Voltage jumper cable NIST Traceable Calibration Certificate to ANSI Z540 Calibration waveforms

Options

Option XI:	External interlock; two position terminal block on rear panel must be shorted for high voltage operation. 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.
Option TMM:	
Option 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.