

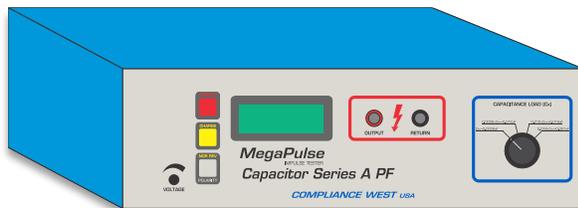


MegaPulse

Capacitor series B PF

PN:00-MPCAP B PF

- ❖ 1.2x47 μ S Waveform with a capacitor load higher than 0.027 μ F.



Surge tester built to test capacitors, designed to perform, and built to last. Front panel capacitance range selector for ease of use. Test up to 4000V. Complies with standard 60384-14.

*Actual products may vary depending on options and configuration.

➤ Features

- Digital output voltage knob on the front panel.
- Integrated High Voltage on hold circuit.
- Capacitance range selector on front panel.
- Up to 4000V test voltage.
- External interlock disables HV output and defeats test when circuit is open.
- Microcontroller Technologies.
- USB TestMinder, computer control available.
- Auto-trigger via USB.
- The front panel indicates H.V.
- Positive polarity only.
- Leads, manual and calibration certificate included.
- One year calibration cycle
- One year warranty.



➤ Specifications

TESTING CIRCUITRY

Charge Voltage:	400-4000V ±3% F.S.
Main Capacitance:	20uF ±10%.
Pulse Duration:	47uS (0+50%).
Rise Time:	1.2uS (0+50%).
Capacitor Test Range:	>0.027uF≤0.039uF. >0.039uF≤0.056uF. >0.056uF≤0.082uF. >0.082uF≤0.012uF. >0.012uF≤0.018uF. >0.018uF≤TBD.
Voltage Control:	Manually, by turning a knob in the front panel or via USB.
Polarity Control:	Positive only.
Voltage Display:	4 Digit LED Display.
Voltage Meter resolution:	5V.
Voltage Meter Accuracy:	±1%.
Duty Cycle:	10s between pulses, 1hr operation x 10min. rest.

ELECTRICAL

Line Voltage:	120V AC, 50/60Hz. Other ratings available.
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SAFETY

Safety Interlock	2-pin terminal block on rear panel; shorted for operation.
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OUTPUTS - FRONT

OUTPUT:	High Voltage insulated rigid 4mm socket – Red.
RETURN:	High Voltage insulated rigid 4mm socket – Black.

OUTPUTS - REAR

INTERLOCK:	2-pin terminal block.
Inlet Module:	Inlet module with fuse and power switch combination.

➤ Environmental

Operating Temperature:	15-28 °C.
Relative Humidity Range:	0-90% non-condensing.

➤ General

Dimensions:	17" wide x 3U high x 17" deep.
Weight:	40 lbs. approx.
Product Package:	<ul style="list-style-type: none"> • Megapulse D8-PF Tester. • Megapulse D8-PF User Manual. • High Voltage Test Leads Qty 3 (Red), Qty 2 (Black) • NIST traceable calibration certificate to ANSI Z540 • Calibration waveforms



➤ Options

00-MP220, MP230, MP240:	220V, 230V or 240V mains tester operation available.
00-CASE-6U:	Pelican Case with foam for 3U and 6U units.
00-TMM-PF	TestMinder USB computer interface software for computer control.

