

Surge Testers

MegaPulse 1.2x50/8x20-2PF-HR 2/12Ω



High Accuracy Combination Tester 5V-2000V in compliance with IEC 61000-4-5

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.

Tester can deliver an IEC 6100-4-5 compliant combination waveform at the 2Ω output from 5 to 2000V.

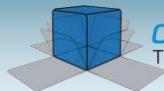
High Resolution charge voltage, 0.1V steps from 5V-200V and 1V steps from 200V-2000V

2Ω output for up to 1000A in short circuit and 12Ω output for up to a 166A in short circuit.

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

Features

- High resolution voltage charge, 0.1V steps from 5V to 200V and 1V step from 200V to 2000V.
- Output voltage selected digitally on the front panel.
- Double output and double return jacks to minimize losses.
- USB TestMinder Control compatible.
- Long life capacitor rated for 2.5 million pulses.
- Safety interlock discharges internal voltage; equipped with front panel E-Stop for safety
- 2Ω and 12Ω selectable by front panel and software.
- Test enclosures available.
- Front panel indicates internal high voltage and polarity.
- Controllable via front panel, TestMinder, directly via Labview or PLC.
- Multiplex available for connection to monitoring equipment.
- Cables, manual and calibration certificate included.
- One year calibration cycle & one year warranty.
- Ships with ANSI Cal, ILAC Cal available.



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Specifications

Charge Voltage Resolution:	From 5 to 200V, 0.1V step From 200 to 2000V, 1V step
Output Peak Voltage:	5 to 2000V ±10%
Voltage Duration:	50 µs ±20%
Voltage Rise-time:	1.2 µs ±30%
Short Circuit Peak Current:	2.5 to 1000A ±10%
Short Circuit Current Duration:	20 µs ±20%
Short Circuit Current Rise-time:	8 µs ±20%
Duty Cycle:	1 pulse every 20 sec. continuous duty
Voltage Display:	5-digit LED display
Voltage Control:	Front panel or optional USB computer control



Environmental

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



General

Dimensions:	17" wide x 18" high x 17" in deep
Weight:	43 lbs approx.
Product Package:	<ul style="list-style-type: none">• Megapulse Tester• Megapulse Product Manual• AC Power Cord• High Voltage Test Leads Qty 2 (Black)• High Voltage Test Leads Qty 2 (Red)• NIST traceable calibration certificate to ANSI Z540• Calibration waveforms



Options

MPxxx	Different Line voltages, replace on the part number xxx for 100, 110, 220, 230 or 240 depending the line voltage. (120V for standard configuration)
TMM	Testminder Control Software

