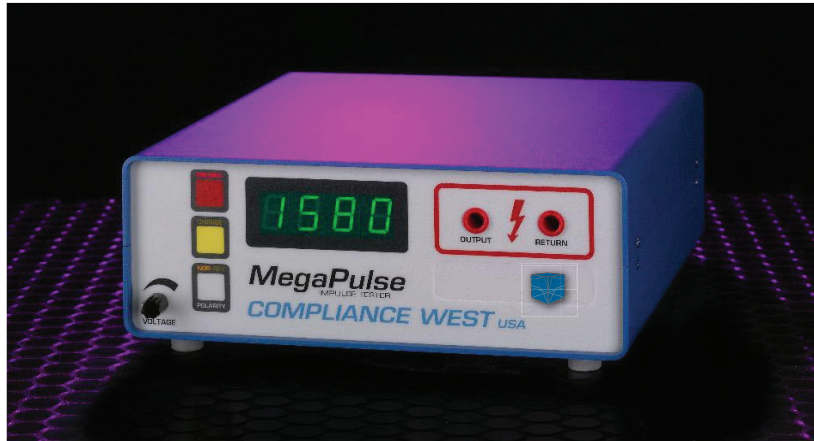




SURGE TESTERS / TIA-968-B Metallic A tester

MegaPulse 968-B MetallicA



➤ TIA-968-B Metallic Type A Tester

➤ FEATURES

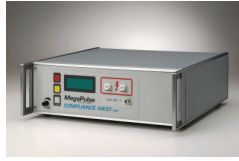
Surge Testers built to deliver the pulse described in TIA-968-B, Section 4.1.2.1, Metallic Telephone line surge - Type A. The tester has a voltage waveform in accordance with TIA-968-B Figure 2, with a front time (t_f) of 6 μs minimum to 10 μs maximum, and a decay time (t_d) of 560 μs minimum to 860 μs maximum, when delivered into an open circuit. The current waveform is in accordance with TIA-968-B Figure 3, with a front time (t_f) of 5 μs minimum to 10 μs maximum, and a decay time (t_d) of 560 μs minimum to 760 μs maximum into a short circuit. The peak voltage must be set to 800V minimum to 880V maximum using the knob to set the front panel meter, and when the voltage is correctly set on the meter, the peak short circuit current will be 100 A minimum to 115 A maximum.

The metallic voltage surges require polarity change and this is accomplished by pressing a front panel switch.



The blue box that tests. And tests.

MegaPulse 968-B MetallicA



ELECTRICAL ▾

Complies with the requirements of TIA-968-B, Section 4.1.2.2.

Peak Voltage: Adjustable, must be set to read between 800 and 880 Volts on the front panel meter using the knob.

Peak Current: 100-115A when voltage meter is set to read between 800 and 880V.

Meter Voltage Accuracy: $\pm 3\%$

Waveshape Reference: Voltage: TIA-968-B Fig. 2. Current: TIA-968-B Fig. 3.

Voltage Pulse Front Time (T_r μ s): 6 μ s minimum to 10 μ s maximum when delivered into an open circuit per TIA-968-B Fig. 2.

Voltage Pulse Decay Time (T_d μ s): 560 μ s minimum to 860 μ s maximum when delivered into an open circuit per Fig. 2.

Current Pulse Front Time (T_r): 5 μ s minimum to 10 μ s maximum when delivered into a short circuit per TIA-968-B Fig. 3.

Current Pulse Decay Time (T_d): 560 μ s minimum to 760 μ s maximum when delivered into a short circuit per Fig. 3.

Internal virtual resistor: 8 ohms.

Polarity: Positive/Negative, selectable by front panel switch.

Trigger: Manually by front panel switch or optionally via computer control (Option TMM)

Input Mains: 120V / 60 Hz; others available optionally.

Enclosure Dimensions: 3U x 17" wide x 17" deep. 20 lbs.



ENVIRONMENTAL ▾

Operating Temperature:: 15-40°C

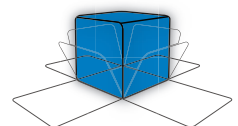
Relative Humidity Range: 0-90% non-condensing



OPTIONS ▾

Option 00-TMM: TestMinder Computer control. Includes autotrigger capability.

Options 00-220, 00-230 or 00-240: Mains power of 220, 230 or 240V, 50 / 60 Hz.



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