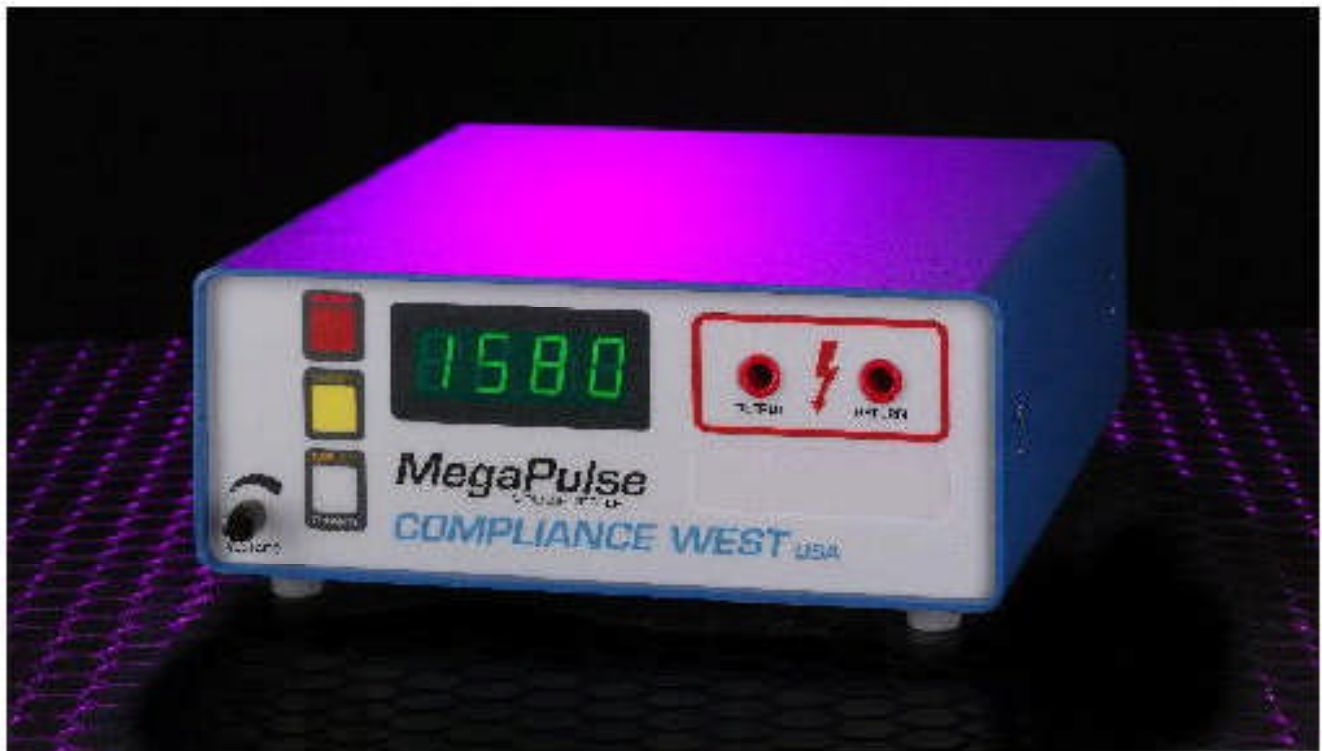


**MegaPulse Telephone Type B:
TIA-968-A Telephone Line Surge Type B Tester**

FAST - SAFE - RELIABLE



SURGE TYPE B TEST GENERATOR

Surge testers built to test to the requirements of TIA-968-A, Sec. 4.2.3, Telephone Line Surge, Type B. The surge has an open circuit voltage waveform with a front time of 9uSec and a decay time of 720uSec and a short circuit current waveform with a front time of 5uSec and a decay time of 320uSec. The peak output voltage of 1000V/1500V is set on the front panel meter. The peak short current peak is 25A/37.5A minimum. The polarity is reversible by a front panel switch. Tests L or M are selected by a front panel switch (not shown).

**COMPLIANCE
WEST** USA
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FEATURES

MegaPulse Type B

1000 and 1500V adjustable output to perform tests noted in TIA-968-A, Sec. 4.2.3, Telephone Line Surge - Type B. M and L tests are chosen by a front panel switch S2.

The output of this tester is specifically designed for this testing. The voltage waveforms have a risetime of 9uSec and a decay time of 720uSec. The current waveforms have a risetime of 5uSec and a decay time of 320uSec. Maximum voltage waveform peak is 1500V, and the current maximum is 37.5A. Front panel meter shows peak output voltage and is adjustable by a front panel knob. The virtual impedance of the MegaPulse Type B is 40 ohms.

The MegaPulse Type B ships with cables, graphs of theoretical and actual waveforms, and a Calibration Certificate. One year warranty. One year calibration cycle.

SPECIFICATIONS

- Model: MegaPulse Type B.
- Complies with the requirements of TIA-968-A, Sec. 4.2.3.
- Voltage open circuit: 1000V/1500V via front panel knob.
- Meter Voltage Peak Reading Accuracy: +/- 3%, No load voltage waveshape 9x720uSec.
- Voltage Pulse front time: 9us +/- 30% (1.67 times between 30% and 90%), per Fig. 4.2.
- Voltage Pulse time to half value: 720us +/- 20%, per TIA-968-A, Fig. 4.2.
- Current Pulse front time: 5us +/- 30% (1.25 times between 30% and 90%), per Fig. 4.3.
- Current Pulse time to half value: 320us +/- 20%, per TIA-968-A, Fig. 4.3.
- Internal virtual resistor: 40 ohms.
- Polarity: Pos / Neg.
- Trigger: Manually or PC automation. (optional)
- Lead time: 6- 8 weeks.
- Input Power: AC120V / 60 Hz. (other optional)
- Weight: 20 lbs.
- Dimensions: 11-1/2" x 13" x 5" (120V In), 3U x 17" x 17" (Option RE)

ENVIRONMENTAL

Operating temperature: 15-40 C

Relative Humidity Range: 0-90% non-condensing

AVAILABLE OPTIONS

- Option RE: 3U Rack Enclosure.
- Option 240: 240V 50/60 Hz operation.
- Option TMM: Testminder Computer Control..
- Note: Options 240 and TMM require option RE to be ordered as well.

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