

Surge Testers

Megapulse 100RW-6.0-30



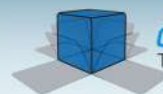
HIGH VOLTAGE RING-WAVE IMPULSE GENERATOR

Surge tester built to the schematic shown in ANSI C62.41.2-2002 Figure 4.

Initial rise time is 0.5us between 10 and 90% of peak amplitude; the period of the following oscillatory wave is 10us, and each successive peak is 60% of the preceding peak.

Features

- Up to 6.0kV peak test voltage.
- Microcontroller technologies, front panel voltage meter indicates test peak open circuit voltage and polarity.
- Output voltage and polarity are controlled manually from the front panel.
- Ergonomically designed for safety, speed and efficiency.
- Cables, manual and calibration certificate included.
- External interlock disables HV output and defeats test when circuit is open.
- Optional USB Testminder, computer control.
- One year calibration cycle.
- One year warranty.



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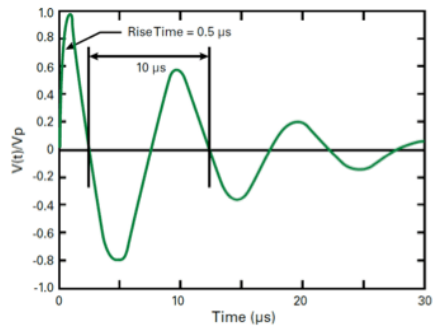


Specifications

Model: MegaPulse 100RW-6.0-30.

Open circuit output in accordance with ANSI C62.41.2-2002 Figure 4.

Short-circuit current: 0.2kA peak / Effective impedance: 30 Ohms (Location Category A)



Environmental

Operating Temperature:

15-40 °C

Relative Humidity Range:

0-90% non-condensing



General

Dimensions:

17" wide x 18" high x 17" in deep

Product Package:

- Megapulse 100RW-6.0-30
- High Voltage Test Leads Qty 2
- NIST traceable calibration certificate to ANSI Z540
- Calibration waveforms

Standard Configuration



Options

MPXXX

Different Line voltages, replace XXX in the part number with 100, 110, 220, 230 or 240 depending the line voltage. (120V for standard configuration)

00-TMM

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.

