

# MegaPulse ANTENNA SURGE TESTER FOR EN60950

## FAST - SAFE - RELIABLE



## HIGH VOLTAGE IMPULSE GENERATOR

10kV Surge testing for En60950, Annex N, Table N.1, Line 3 for Data Processing Equipment. Also conducts the test in EN 60065, Para. 10.1.

Continuing the Compliance West USA notion that smaller and cheaper is better if the job gets done. We continue our line of surge testers by providing a surge tester for the Antenna Surge tests in EN 60950, Annex N. Photo shows optional 1000:1 BNC.

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# FEATURES

## MegaPulse Antenna Surge

10kV output to perform tests noted in EN 60950, Para. 7.3.2. Built to output the exact pulse resulting from the circuit shown in EN 60950, Annex N, Figure N.2, using the circuit components from Table N.1, Line 3. Our proprietary IEC 65 Switch (photo below) is used. The output of this tester is specifically designed for testing in accordance with EN 60950, Annex N, Line 3. The 10kV  $U_c$  is shown on the front panel meter. The output is exactly that anticipated by the component values shown in Figure N.2, assuming perfect components. Output impedance 1000 ohms. Charge time <5 sec.

Options include TestMinder, which automatically applies the 50 pulses at a rate of 12 per minute, and a 4 megohm tap for special testing.

The MegaPulse Antenna Surge ships with cables, the actual voltage output graph, and a Calibration Certificate. One year warranty. One year calibration cycle.

# SPECIFICATIONS

- Model: MegaPulse Antenna Surge.
- Complies with the requirements of EN 60950, Annex N, Figure N.2 and Table N.1, Line 3.
- Voltage open circuit: 10kV.
- $V_{peak}$  Accuracy: +/- 3%, No load.
- Internal virtual resistor: 1000 ohms.
- Polarity: Positive only
- Trigger: Manually or PC automation. (optional)
- Lead time: 6- 8 weeks.
- Input Power: AC120V / 60 Hz. (other optional)
- Weight: 40 lbs.
- Dimensions: 6U x 17" x 17"



# ENVIRONMENTAL

Operating temperature: 15-40 C  
Relative Humidity Range: 0-90% non-condensing

## AVAILABLE OPTIONS

- Option IFD: Insulation Fault Detection.
- Option 240: 220-240V 50/60 Hz operation.
- Option BNCV: 1000:1 BNC Output.
- Option 4M: 4 Megohm Output.
- Option TMM: TestMinder Computer Control.

## ***Compliance West USA***

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