

# Surge Testers

## MegaPulse Code 360



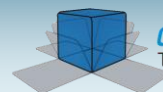
\*Image for reference only

### High Voltage Tester with 360J Output Energy

A Compliance West surge tester that delivers 360J of energy in a damped sinusoidal (Lown) waveform with a load of 50Ω connected to the output. Mimics the output of a well-known defibrillator tester that is the de facto standard used for the medical industry to describe a full defibrillator pulse.

### Features

- Output voltage selected digitally on the front panel
- Integrated High Voltage on hold circuit
- USB TestMinder, computer control available
- External interlock disables HV output and defeats test when circuit is open
- Long life capacitor rated for 2.5 million pulses
- Safety discharge included when no load is connected at the output.
- Front panel indicates internal high voltage and polarity
- Polarity controlled manually on the front panel
- Auto-trigger via USB
- Microcontroller technologies
- Cables, manual and calibration certificate included
- One year calibration cycle & one year warranty



# Megapulse Code 360

## Specifications

Charge Voltage:	5100 V $\pm$ 1%
Output Energy Delivered:	360J $\pm$ 10% when charged up to 5000 V
Waveform	Damped sinusoidal (Lown) when a 50 Ohm load is connected to the Output
Voltage Control:	Manually, by turning a knob in the front panel or via USB
Polarity Control:	Positive and Negative. Alternating control available with USB
Voltage Display:	4 Digit LED Display
Voltage Meter resolution:	5V
Voltage Meter Accuracy:	$\pm$ 1%
Duty Cycle:	20s between pulses
Energy Reading:	From 3000V to 5100V
Line Voltage:	120V AC, 50/60Hz 230V AC, 50/60Hz (CE for EU)

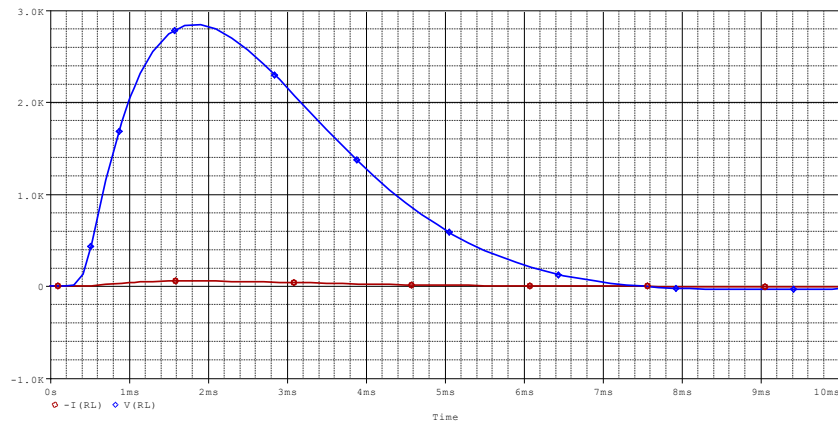


Figure 1 Output Waveform with 50 Ohm load connected

## 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:	40 lbs approx.
Product Package:	<ul style="list-style-type: none"><li>• Megapulse Code 360 Tester</li><li>• Megapulse Code 360 Product Manual</li><li>• High Voltage Test Leads Qty 1 (Black)</li><li>• High Voltage Test Leads Qty 1 (Red)</li><li>• NIST traceable calibration certificate to ANSI Z540</li><li>• Calibration waveforms</li></ul>
Standard Configuration	

## Options

GVAC	Vacuum trigger relay (20sec. duty cycle only)
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

Rev 3.1, February 2021