

# Surge Testers

## MegaPulse Biphasic P 360/100J



### Defibrillator Output Waveform

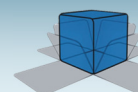
A Compliance West surge Tester. That means it outputs a guaranteed waveform but won't break the bank. The tester outputs the waveform it is supposed to, time after time.

Built in the USA. Email and phone support free for life. Reasonable repair and calibration charges. Timely and helpful customer service always.

The Biphasic P 100J and 360J outputs the pulse used in defibrillators with a built in 50Ω patient load, the Megapulse can recharge and trigger the next pulse within 30 seconds.

### Features

- 100J or 360J user select on front panel.
- 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.



# MegaPulse Biphasic P 360/100J



## Specifications

Output Peak Voltage:	2000 V $\pm 3\%$
Main Capacitor:	200 $\mu\text{F}$ $\pm 10\%$
Energy:	100J /360J $\pm 10\%$
Tphase1:	(6.8mS – 7.9mS)
Tphase2:	(4.5mS – 5.3mS)
Commutation time:	Less than 2mS
Output Impedance:	$25\Omega \pm 5\%$
Tilt:	(63.9 – 71)
Internal Patient Resistance:	$50\Omega \pm 5\%$
Voltage Control:	Manually, by turning a knob in front panel
Polarity Control:	Positive and negative. Alternating control available with optional computer control
Voltage Display:	4 digit LED display
Voltage Meter Accuracy:	$\pm 3\text{V}$
Duty Cycle:	1 pulse every 30 seconds
Line Voltage:	120V AC, 50/60Hz *optional different line voltage



## Environmental

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



## General

Dimensions:	17" wide x 6U high x 17" in deep
Weight:	45 lbs approx.
Product Package:	<ul style="list-style-type: none"><li>• Megapulse Biphasic 360J tester</li><li>• Megapulse Biphasic 360J product manual</li><li>• High Voltage Test Lead (Black), 4 feet</li><li>• High Voltage Test Lead (Red), 4 feet</li><li>• NIST traceable calibration certificate to ANSI Z540</li><li>• Calibration waveforms</li></ul>



## Options

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.
220, 230 or 240:	If a different line voltage is desired, with this option we install a step down transformer to be compatible with your line voltage. 220 is for 220V, 230 for 230V and 240 for 240V.
RI:	Relay Isolated Remote Interface, it allows the interface with a PLC or other machine using relay closures. This option allows isolation between the PLC and the Megapulse tester.

