



# MegaPulse

## Biphasic PF 180J

PN: 00-MP2P180J

### ❖ Defibrillator output waveform.



The Biphasic PF 180J 50Ω patient load, the MegaPulse can recharge and trigger the next pulse within 30 seconds. The tester outputs the waveform it is supposed to, time after time.

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

\*Image for reference only

\*Actual products may vary depending on options and configuration.

### ➤ Features

- Up to 2000V test Voltage.
- Digital output voltage knob on the front panel.
- Integrated High Voltage on hold circuit.
- External interlock disables HV output and defeats test when circuit is open.
- Available USB TestMinder, computer control with auto-trigger via USB.
- Front panel indicates internal HV and polarity.
- Polarity button selector on the front panel.
- Microcontroller technologies.
- Leads, manual and calibration certificate included.
- One year calibration cycle
- One year warranty.



## ➤ Specifications

### TESTING CIRCUITRY

Output Peak Voltage:	2000V ±3%.
Main Capacitance:	200uF ±10%.
Energy:	180J ±10%.
Tphase1:	(6.8ms – 7.9ms).
Tphase2:	(4.5ms – 5.3ms).
Commutation Time:	<2ms.
Tilt:	(63.9 – 71).
Internal Patient Resistance:	50Ω ±5%.
Output Impedance:	25Ω ±5%.
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:	±3V.
Duty Cycle:	30s between pulses.

### ELECTRICAL

Line Voltage:	120V AC, 50/60Hz. 230V AC ±10%, 50 Hz ±1 Hz (CE for EU).
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### SAFETY

Safety Interlock	2-pin terminal block on rear panel; shorted for operation.
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### OUTPUTS - FRONT

OUTPUT:	High Voltage insulated rigid 4mm socket – Red.
RETURN:	High Voltage insulated rigid 4mm socket – Black.

### OUTPUTS - REAR

TESTMINDER:	DB9 Female (optional).
Inlet Module:	Inlet module with fuse and power switch combination.
Relay Interface:	Terminal block with screw.

## ➤ Environmental

Operating Temperature:	15-35 °C.
Relative Humidity Range:	0-90% non-condensing.

## ➤ General

Dimensions:	17" wide x 3U high x 17" deep.
Weight:	30 lbs. approx.
Product Package:	<ul style="list-style-type: none"> <li>• Megapulse Biphasic PF 180J Tester.</li> <li>• Megapulse Biphasic PF 180J User Manual.</li> <li>• High Voltage Test Leads Qty 2 (1 Red, 1 Black)</li> <li>• NIST traceable calibration certificate to ANSI Z540</li> <li>• Calibration waveforms</li> </ul>



➤ Options

00-MP220, MP230, MP240:	220V, 230V or 240V mains tester operation available.
00-TMM-PF	TestMinder Computer Control with auto-trigger via USB.
00-CASE-6U:	Pelican Case with foam for 3U and 6U units.
A2LA-TECH-MP	ISO17025 Calibration

Rev 2.0

