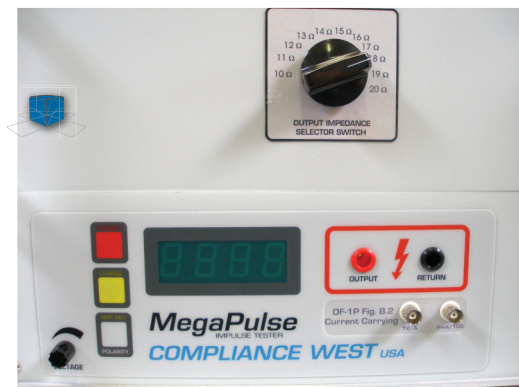




MEDICAL TESTERS / DF-1P Current Tester

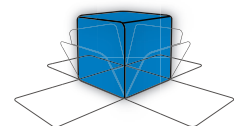
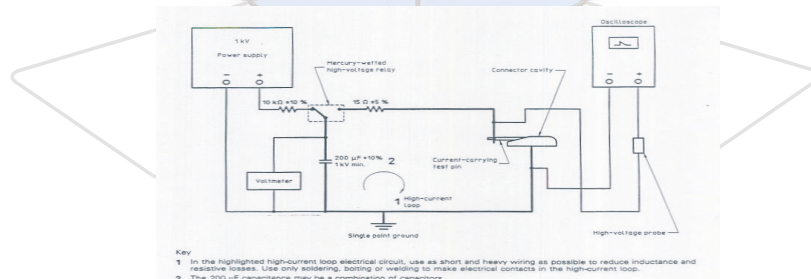
MegaPulse DF-1P Current Tester



➤ AAMI DF-1 Fig. B.2 waveform Tester with 15 ohm output impedance

➤ FEATURES

AAMI DF-1 App. B requires the connector cavity to be tested using a repeated high current source. The Compliance West USA MegaPulse DF-1P Current tester outputs the correct waveform for this testing application. The included MegaPulse TestMinder software allows the 500 pulse test program to be controlled via USB connection to a Windows PC. The MegaPulse DF-1 Fig. B.2 can also be combined with our Multiplex 8S to allow testing to up to 8 devices simultaneously. Voltage and current BNCs are provided for waveform monitoring while the testing progresses. Configured with IGBT switches for the cleanest waveforms possible. Also provided with an external interlock and a manual loop switch with settings for 11-20 ohms for output impedance trimming.



The blue box that tests. And tests.

MegaPulse DF-1P Current



ELECTRICAL

Output: Output Pulse in accordance with AAMI DF-1 Fig. B.2 - Test Signal
Open Circuit Voltage Peak: 1.0kV±100V
Bulk Capacitor: 200µF±10%
Output resistor: 15Ω±10%
Vdur = 18 mSec min.
Truncation point = none required, waveform is 0A before 18mSec.

Meter Accuracy: ±20V @ 1000V

Charge Time (typ) 10 sec (typ)

Relay construction: IGBT

Computer Control: USB through Windows 32 bit PC.

Output Impedance Selector Switch: Provided, manual operation: 11 - 20 ohm.

Voltage and Current Jacks: Provided on front panel.



ENVIRONMENTAL

Operating Temperature:: 15-40°C

Relative Humidity Range: 0-90% non-condensing



GENERAL

Input Power Requirements: 114-127 volts, 50/60 Hz

Weight: 50 lbs. estimated

Dimensions: 17" (W) x 6U (H) x 17 (L) in.



SAFETY

Visual Indication Of Voltage Output: Provided by front panel meter.

Option: Automatic impedance matching output impedance switch with overcurrent protection

Option: Multiplex up to 8 outputs.

Option: 240 V 50 Hz mains.



The blue box that tests. And tests.