



MEDICAL TESTERS / DF-1 Current Tester

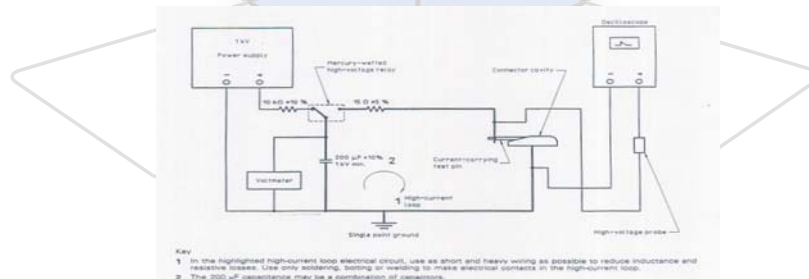
MegaPulse DF-1 Current Tester



➤ 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-1 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 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. The optional voltage and current BNCs are available for waveform monitoring while the testing progresses. Can be optionally configured with IGBT switches for the cleanest waveforms possible. Other options include external interlocks, output impedance trimming, and 240V operation.



The blue box that tests. And tests.

MegaPulse DF-1 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: Mechanical (IGBT optional)

Computer Control: Provided, proprietary (Compliance West TestMinder MegaPulse)



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.

Externally Actuated Interlock optional

Output Impedance Selector Switch (11, 12, 13, ... 20 ohm) optional



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