



MEDICAL TESTERS / DF-1 Isolation Tester

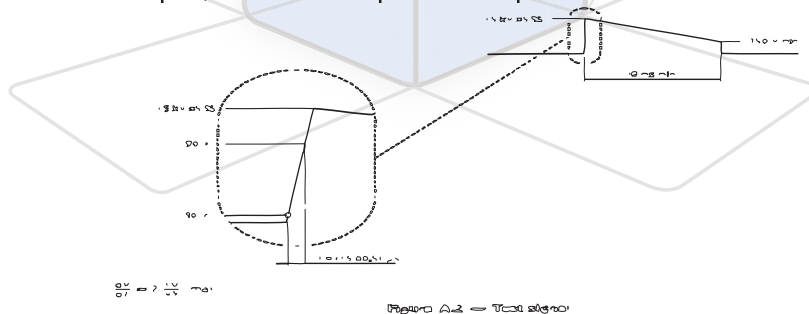
MegaPulse DF-1P Isolation Tester



➤ AAMI DF-1 Fig. A.2 waveform Tester, with waveform truncation

➤ FEATURES

AAMI DF-1 requires a truncated waveform for testing of implantable devices. The Compliance West USA MegaPulse DF-1P Isolation tester outputs the correct waveform for your testing application. The included MegaPulse TestMinder software allows a test program of multiple pulses to be controlled via USB connection to a Windows PC. The AAMI DF-1 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. It is configured with IGBT switches for the cleanest waveforms possible. External interlock, PATLITE, external HV output, and 240V operation optional.



The blue box that tests. And tests.

MegaPulse DF-1P Isolation



ELECTRICAL ▾

Output: Output Pulse in accordance with AAMI DF-1 Fig. A.2 - Test Signal
Open Circuit Voltage Peak: 1.5kV±5%
Vrise (t10-t90) 1.5 ± .5 uSec
dV/dT= 2kV/uSec max.
Vdur = 18 mSec min.
Truncation point = 18 mSec.
Voltage at Truncation point = 750V min. (no load, open circuit output)

Meter Accuracy: ±20V @ 1500V

Charge Time (typ) 10 sec (typ)

Relay construction: Solid state IGBT relays

Computer Control: USB Control with software. Allows multiple pulses to be delivered with autotrigger at a preset voltage. Requires 32 bit Windows OS.



ENVIRONMENTAL ▾

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



GENERAL ▾

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

Weight: 35 lbs. estimated

Dimensions: 17" (W) x 3U (H) x 17 (L) in.



SAFETY ▾

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



OPTIONS ▾

External Interlock
PATLITE Output
Auxiliary HV Jack on rear panel
220, 230 or 240V 50Hz operation



The blue box that tests. And tests.