

MegaPulse SERIES IMPULSE TESTERS

FAST • SAFE • RELIABLE



HIGH VOLTAGE IMPULSE GENERATOR

The MegaPulse series impulse generators are designed to provide a FAST, SAFE and RELIABLE method for simulating the transient voltages used in product safety testing. The MegaPulse series testers reduce the complexity and cost associated with other types of impulse test equipment by providing preset wave forms, adjustable output voltage and reversible polarity. Designed to meet safety agency criteria for EN60950(ITE), EN60601 Defibrillation Proof Testing of Medical Devices, and EN61010(T & M). Other applications include testing of motors, windings and components. The front panel BNC connector (optional on some models) allows the waveform to be monitored by any oscilloscope making the MegaPulse series the most user friendly and cost effective impulse generators available.

Features

- Designed for impulse testing per EN 60601 (Medical), EN 60950 (ITE), EN 61010, motors, windings, etc. and NEMA ICS-1 requirements.
- Adjustable output of up to 7000 VAC. (model dependent)
- BNC output connector on front panel allows use with any oscilloscope. (optional on some models)
- Reversible polarity.
- Waveform specific to required test.
- High voltage test leads included.
- Fast recovery/charge time.
- Ergonomically designed for safety, speed and efficiency.
- One year calibration cycle.
- Performs to UL, CE, IEC, CSA, TUV safety agency requirements.

**COMPLIANCE
WEST USA**
CALL (800) 748-6224

www.compwest.com



MegaPulse SERIES IMPULSE TESTERS

Model	Waveform*	Max. Voltage	Model	Waveform*	Max. Voltage	Model	Waveform*	Max. Voltage
6421-2.5	10 x 700/6 x 300 uS	2500V	AXVI3-2.5	.7 x 40/0 x 4 uS	2500V	AXVI7-2.5	.2 x 40/0 x 30 uS	2500V
6421-7	10 x 700/6 x 300 uS	7000V	AXVI3-7	.7 x 40/0 x 4 uS	7000V	AXVI7-7	.2 x 40/0 x 30 uS	7000V
291-2.5	1.2 x 50 uS/8 x 20	2500V	AXVI4-2.5	0 x 40/0 x 4 uS	2500V	AXVI8-2.5	.2 x 40/0 x 30 uS	2500V
291-7	1.2 x 50 uS/8/20	7000V	AXVI4-7	0 x 40/0 x 4 uS	7000V	AXVI8-7	.2 x 40/0 x 30 uS	7000V
A217H-5	20 x 2200/50 x 800 uS	5000V	AXVI5-2.5	0 x 40/4 x 4 uS	2500V	AXVI9-2.5	.1 x 40/0 x 25 uS	2500V
AXVI1-2.5	1.2 x 50/0 x 7 uS	2500V	AXVI5-7	0 x 40/4 x 4 uS	7000V	AXVI9-7	.1 x 40/0 x 25 uS	7000V
AXVI1-7	1.2 x 50/0 x 7 uS	7000V	AXVI6-2.5	.2 x 40/0 x 35 uS	2500V	AXVI10-2.5	.08 x 40/0 x 20 uS	2500V
AXVI2-2.5	1.2 x 50/0 x 7 uS	2500V	AXVI6-7	.2 x 40/0 x 35 uS	7000V	AXVI10-7	.08 x 40/0 x 20 uS	7000V
AXVI2-7	1.2 x 50/0 x 7 uS	7000V						

*Legend: A x B/C x D A=voltage rise time B=Voltage duration C=Current rise time D=Current duration

Other waveforms available upon request. Contact factory for details.

ELECTRICAL

Meter Accuracy: 2500V version - $\pm 120V$, 5000V, 7000V versions - $\pm 140V$
All models: better than 1% of full-scale reading

ENVIRONMENTAL

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

GENERAL

Input Power Requirements: 120 V AC, 50/60 Hz, 1 Amp
230 V optional; check with factory
Dimensions: 11.250 (W) x 12.000 (D) x 5.000 (H) in.
Weight: 16 lbs.

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