

High Voltage Pulse Generator Model 733



DESCRIPTION

The Model 733 high voltage pulse generator provides pulses of < 200ps risetime, 500 volts through 5kV amplitude, to drive into any load impedance through 50 ohm coax.

The generator is capable of a minimum pulse width of 1.5ns and a maximum of 400ns. The rectangular output pulse width is determined by charge line length. HPM, impulse driven antennas, dry run simulation, and HV pulse testing are just a few of the uses for this HV pulse generator. Unit comes standard with 10ns charge line, and (1) additional charge line of customer's choice.

PRELIMINARY SPECIFICATIONS

- Output Pulse:** < 200ps risetime at all output voltages
- Output Amplitude:** Continuously adjustable from < 500 volts output to > 5kV output
- Output Pulse Width:** 1.5ns to 400ns
- Output Pulse Rep Rate:** Single pulse / internal repetitions / external trigger modes
Internal mode adjustable from >20 sec between pulses to 10Hz repetition rate
- Trigger Input:** 5V at 1mA through a grounding switch, or a 1V, 1 μ s input trigger pulse
- Mechanical Switch Life:** > 3,000,000 pulses at 2kV/400ns pulse width
(switch life is energy dependent)
- Connectors:** HN female output and charge line connectors
- Input Power:** Standard 120 volt/60Hz line power at 10 amps
(50Hz model available for export)
- Dimensions:** 19" wide (rack mount)
- Weight:** 24 lbs.
- Accessories:**

<u>Model:</u>	<u>Description:</u>
464-HMP-5ns	5ns charge line
464-HMP-10ns	10ns charge line
464-HMP-20ns	20ns charge line
464-HMP-50ns	50ns charge line
464-HMP-100ns	100ns charge line
464-HMP-200ns	200ns charge line
464-HMP-400ns	400ns charge line

Any Value from 1.5ns to 400ns available

Contact us for additional information or to discuss your application.

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