

150-kV Marx High-Voltage Pulse Generator

A 150-kV Marx high-voltage pulse generator is utilized to produce high-voltage pulses for high-voltage testing of accelerator components under pulsed conditions, including dc electron guns. The pulse generator system utilizes IGBT switching technology and can produce high-voltage pulses up to 150 kV at a maximum current of 5-mA per pulse and a pulse duration of 5 μ sec.

Examples of use:

- A high-voltage system for a dc gun



150-kV Marx high-voltage pulse generator