

High-Voltage Pulse Generator

PG 4-641



HV - Impulse generator PG 4-641 creates standard voltage and current pulses with wave form 10 / 160 μ s. Output voltage is adjustable up to 3600 V, the maximum short circuit current amplitude is 480 A peak. Positive or negative polarity of output voltage can be selected. A built-in voltage divider 1000:1 allows monitoring of the impulse output waveform during testing. The short circuit current wave can be monitored by use of the built-in shunt.

The generator features a microprocessor controlled user interface and display for ease of use. The microprocessor allows the user to execute either standard test routines, or a 'user defined' test sequence. The test parameters, which are shown on the built-in display, are easily adjusted by means of the rotary encoder.

The generator excels by its compact design, simple handling and precise reproducibility of test impulses.

