MODEL 6254-5S RFI TRANSIENT GENERATOR

SPECIFICATIONS
Spike Amplitude: Continuously adjustable from less than 10 volts to more than 250 volts peak.
Repetition Rate: Continuously adjustable from 0.5 to 500 p.p.s.
Rise Time: Less than 1.0 microsecond.
Spike Duration: Output falls to zero in approximately 8 to 14 microseconds.
Spike Shape: Ringing characteristic as shown in Figure 19 of MIL-STD-462.
Phase Adjustment: Spike position adjustable from 0° to 360° on 50, 60 or 400 Hz lines.
Sync Operation: Triggers at any rate from once every ten seconds to over 800 transients per second.
Internal Impedance: 0.5 ohm.
Output Power: More than 35 kw peak into 0.5 ohm load.
Power Current in Series Injection Mode: Handles up to 50 amperes at power frequencies.
Power Requirements: 115 volts 60 Hz, 1.8 amperes. (230 volts 50 Hz, 0.9 ampere available.)
Size: 8.125” wide, 9” high, 14.625” deep. (20.64 cm x 22.86 cm x 37.15 cm.)

AVAILABLE ACCESSORIES
Type 6254-150 Transient Pulse Transformer. Plugs into SERIES output terminals. Handles up to 150 amperes through the secondary for high current test samples.
Type 7115-1 High Voltage Transient Transformer. Plugs into SERIES output terminals to provide transient levels up to 15 KV peak, into spark gap for static discharge tests.
Type 7802-1 Transient Pulse Transformer. Plugs into SERIES output terminals to provide up to 450 volts peak, into 12 ohms.