



The Model 507 with independent outputs, provides digitally controlled current pulses with currents from 0 to 25 Amps and pulsewidths from 0.1 to 100 msec. The Model 507 incorporates unique design features that make it the ideal signal generator for airbag squib and initiator testing, fuse testing and laser trigger applications.

Because the Model 507 is microprocessor controlled and employs a flexible and expandable user-interface, new features and modes often can be added by merely modifying the internal software. Most modifications can be made for a modest fee. The 507 provides a TTL Synch Signal output for synchronizing video capture of events.

Features

- Peak Outputs to 25 Amps
- 2 / 4 / 8 Channel Models
- Independent, Digitally Controlled Outputs
- Compliance Voltage to 45 V
- Selectable Delay and Pulsewidth
- Quick Recall of up to 12 System Configurations
- RS232 Computer Interface
- On-Screen Menus and Help
- Single Shot and External Trigger Modes
- TTL Synch Signal Output
- Rackmount Available

Specification

MODEL	507
Delay channels	2/4/8 independent output with digital controlled
Delay	0-99.9999999 sec
Pulse width	0.1 ms to 100 ms
Resolution	200ns
Accuracy	100ns + .001 x delay
Time base	5Mhz, 25 PPM crystal oscillator
RMS jitter	100ns max
Trig delay	Ext trig to 10us
Threshold	3V
Impedance	1000 ohms
Modes	Single shot, external; trigger
Storage	Twelve complete configuration
Current monitor	Analog signal with 3mhz bandwidth
Amplitude	25A with 50 mA resolution
Power	220VAC, 50/60hz