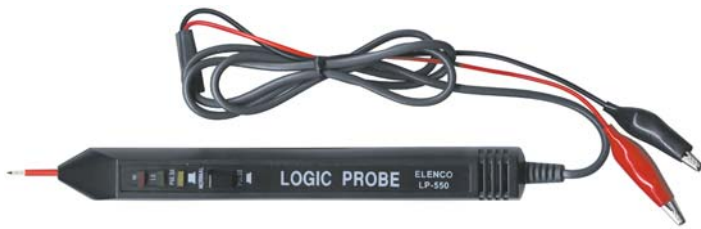


DIGITAL LOGIC AND PULSER PROBES

Logic Probe Model LP-550



Audio and visual features, tests all logic families TTL/LS and CMOS/MOS digital circuits, color coded LEDs indicate high, low or pulsed logic states. The high speed logic probe is capable of capturing pulses of 25nsec. Simultaneous tone output (high, low or both) maximum input frequency of 20MHz.

Logic Probe Model LP-535K (kit)



Advanced design with **audible sound** for signal detection in logic circuits. It displays logic levels (high or low) pulses and voltage transients down to 10 nanoseconds. High intensity LED readouts provide instant response to the logic state. Simplified circuitry for fast construction. Detailed instructions, illustrations and testing included.

Logic Pulser Model LP-425K (kit)



The Logic Pulser Kit is a desirable device in the troubleshooting of logic circuits and compliments the logic probe in pulse tracing signals in complex circuits. It injects a signal directly into a circuit without having to disconnect components. It is circuit powered and has a switchable output of .5 or 400Hz at 100mA. Designed for easy construction.

Logic Probe Model LP-525K (kit)



Digital Logic Probe in kit form provides convenient and precise use in measurement of logic circuits. It displays logic levels (high or low), pulses and voltage transients down to 25 nanoseconds and a maximum input of 20MHz. Large PC board and detailed manual for fast construction.

Logic Probe Model LP-700

The **LP-700** Logic Probe is a high speed digital troubleshooting tool capable of capturing pulses as narrow as 20nsec. Four LED indicators determine the signal condition. Special memory circuits capture pulses fast oscilloscopes may miss.



Logic Probe & Pulser Combo Model LP-900/625

A unique two-in-one logic probe & pulser that simplifies troubleshooting and analyzing digital circuits.



Features

- Select TTL-CMOS or pulse - pulse memory mode.
- Captures any transient pulse down to 20nsec.
- Discriminates between DTL-TTL or CMOS states.

Specifications

Frequency Response.....	20MHz
Detectable Pulse Width.....	20ns
Logic Threshold.....	TTL Hi 2.3V, Lo 0.8V CMOS Hi 70% Vcc, Lo 30% Vcc
Memory.....	Latches on First Transition
Input Impedance.....	120kΩ
Operating Supply Voltage.....	3-18V
Max. Supply Voltage.....	±25V
Max. Input Protection.....	±50VDC @ 10 s. ±240VAC @ 1 s.
Power Supply Protection.....	±25V @ 10 s.

Specifications - Logic Probe

Frequency Response.....	50MHz
Detectable Pulse Width.....	10ns
Logic Threshold.....	TTL Hi 3V, Lo 0.75V CMOS Hi 60% Vcc, Lo 15% Vcc
Input Impedance.....	120kΩ
Operating Supply Voltage.....	4-18V
Max. Input Protection.....	±70VAC/DC @ 15 s.
Power Supply Protection.....	±20V

Specifications - Logic Pulser

Pulse Repetition Rate.....	0.5/400Hz
Pulse Width.....	10µs
Output Current:	
Pulsar Mode @ 0.5Hz.....	100mA sink/source
Square Wave Mode @ 500Hz.....	5mA sink/source
Sync Input Impedance.....	1MΩ
Operating Supply Voltage.....	5-15V
Max. Sync Input Protection.....	±120VDC @ 30 s.
Output Protection.....	±35VDC @ 30 s.
Power Supply Protection.....	±20VDC @ 30 s.