



Specialty handheld probes

LP10A/LP25A

- Pen-size logic probes
- Troubleshoot and analyze digital logic circuits

LP10A: Good value for most common circuits

Detects pulses > 30 ns up to 17 MHz, TTL, CMOS levels and dual LEDs indicate hi/lo state

LP25A: Increased frequency range

Detects Pulses > 30 ns up to 25 MHz, TTL, CMOS, DTL, RTL, NMOS, MOS Logic
Dual LEDs and Tone Indicate Hi/Lo State



LP10A/LP25A

HV231-10

- High voltage probe
- Extended voltage measuring to 40 kV
- Use with standard multimeters with 10 M Ω input impedance



HV231-10

SF10

Exclusive patented technology provides the fastest and easiest method of finding shorts and tracing circuits on PCBs

- Brush probe quickly troubleshoots printed circuits, multi-conductor cables, mass terminations, backplanes, connectors and IC sockets
- Low-test voltage protects sensitive circuitry



SF10

Output Voltage	0.5 V dc
Max Current	100 μ A
Continuity	< 10 Ω
Brush Material	Stainless Steel

Handheld Component Testers

CR50

Compact component checker

- Measures capacitance and resistance
- Wide measurement ranges
- Dual zero adjustment pots to null strays and test leads
- Special "Low Ohms" range

LCR55

Full-size component checker

- Measures inductance, capacitance, resistance, transistors, diodes and microwave diodes
- Wide measurement ranges
- Data hold, max hold and auto-off

	CR50	LCR55
Resistance	0.01 Ω - 20 M Ω , $\pm$ 1.0 %	0.01 Ω - 20 M Ω , $\pm$ 0.5 %
Capacitance	0.1 pF - 20,000 μ F, $\pm$ 0.5 %	0.1 pF-2000 μ F, $\pm$ 1.0 %
Inductance		0.1 μ H-200 H, $\pm$ 5.0 %
Transistors		Hfe, I _{ceo} (NPN, PNP)
Diodes	Yes	Std (3 V) and microwave oven (8 V)
Continuity Test	Yes	Yes

