



LP10B / LP25B Logic Probes

- Pen-sized logic probes
- Troubleshoot and analyze digital logic circuits
- Audible tone (LP25B)

No hassle warranty

No waiting.

*No shipping
charges.*



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)

General Specifications

Indoor Use	
Operating Temperature	0 °C to 50 °C at 80 % R.H.
Storage Temperature	- 20 °C to 65 °C at 75 % R.H.
Dimensions	210 mm x 18 mm x 18 mm (8.2" x 0.7" x 0.7")
Weight	38.1 g (1.3 oz.) 42.6 g (1.5 oz.)

Specifications

Power Requirements (from circuit under test)		LP10B	LP25B
Power Supply		5 - 15 V DC	5 - 15 V DC
Power Supply Current	@ 5 V	30 mA	40 mA
	@ 15 V	80 mA	90 mA
Power Supply Protection		20 V AC/V DC	20 V AC/V DC
Maximum Input Voltage (15 seconds)		40 V AC/V DC	40 V AC/V DC
Signal Requirements Levels			
Logic "1"			
	TTL:	> 2.3 V ± 0.2 V DC	Yes
	CMOS:	> 70 % V _{cc} ± 10%	Yes
Logic "0"			
	TTL:	< 0.8 V ± 0.2 V DC	Yes
	CMOS:	< 30 % V _{cc} ± 10%	Yes
Maximum Input Signal Frequency		20 MHz	Yes
Minimum Detectable Pulse Width @ + 3 V			
	Frequency	Pulse Width	
	< 1 kHz	100 ns	Yes
	1 kHz–20 kHz	50 ns	Yes
	20 kHz–20 MHz	30 ns	Yes
Input Impedance		1 MΩ	1 MΩ
Pulse Indicator Flash Time		500 mS	500 mS
Audible Tone at Pulse Rate		No	Yes
Pulse/Memory	Pulse uses the pulse detection modes listed above. Memory allows the probe to capture a positive or negative pulse greater than 30 nS in width. The yellow LED will come on and stay ON until switch is reset to PULSE.		

Amprobe® Test Tools
 website: www.Amprobe.com
 email: info@amprobe.com
 Everett, WA 98203
 Tel: 877-AMPROBE

Amprobe® Test Tools Europe
 In den Engematten 14
 79286 Glottertal, Germany
 Tel.: +49 (0) 7684 8009 - 0