



## 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**

<b>Power Requirements (from circuit under test)</b>		<b>LP10B</b>	<b>LP25B</b>
<b>Power Supply</b>		5 - 15 V DC	5 - 15 V DC
<b>Power Supply Current</b>	@ 5 V	30 mA	40 mA
	@ 15 V	80 mA	90 mA
<b>Power Supply Protection</b>		20 V AC/V DC	20 V AC/V DC
<b>Maximum Input Voltage (15 seconds)</b>		40 V AC/V DC	40 V AC/V DC
<b>Signal Requirements Levels</b>			
<b>Logic "1"</b>			
	TTL:	> 2.3 V ± 0.2 V DC	Yes
	CMOS:	> 70 % V <sub>cc</sub> ± 10%	Yes
<b>Logic "0"</b>			
	TTL:	< 0.8 V ± 0.2 V DC	Yes
	CMOS:	< 30 % V <sub>cc</sub> ± 10%	Yes
<b>Maximum Input Signal Frequency</b>		20 MHz	Yes
<b>Minimum Detectable Pulse Width @ + 3 V</b>			
	<b>Frequency</b>	<b>Pulse Width</b>	
	< 1 kHz	100 ns	Yes
	1 kHz–20 kHz	50 ns	Yes
	20 kHz–20 MHz	30 ns	Yes
<b>Input Impedance</b>		1 MΩ	1 MΩ
<b>Pulse Indicator Flash Time</b>		500 mS	500 mS
<b>Audible Tone at Pulse Rate</b>		No	Yes
<b>Pulse/Memory</b>	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.		

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