

# Keysight Current Probe Overview

Model	Max Current Non-continuous	Max Current continuous	Bandwidth	Output Voltage Rate	Probe Power Source	Ref Price
<a href="#">1147B</a>	30 A	15A	50 MHz	0.1 V/A	Keysight AutoProbe	
<a href="#">N2893A</a>	30 A	15A	100 MHz	0.1 V/A	Keysight AutoProbe	
<a href="#">N2782B</a>	50 A	30A	50 MHz	0.1 V/A	External N2779A	
<a href="#">N7026A</a>	40 A	30A	150 MHz	1 or 0.2 V/A	Keysight AutoProbe / Power Adapter	
<a href="#">N2783L</a>	50A	30A	80 MHz	0.1 V/A	External N2779A	
<a href="#">N2783B</a>	50A	30A	100 MHz	0.1 V/A	External N2779A	
<a href="#">1146B</a>	100A	100A	100 KHz	0.1 or 0.01 V/A	Battery Power	
<a href="#">N2781B</a>	300A	150A	10 MHz	0.01 V/A	External N2779A	
<a href="#">N2780B</a>	700A	500A	2 MHz	0.01 V/A	External N2779A	
<a href="#">N7040A</a>	3000 A (AC)	3000 A (AC)	23 MHz	0.002V/A	Battery Power /Power Adapter	
<a href="#">N7041A</a>	600 A (AC)	600 A (AC)	30 MHz	0.01 V/A	Battery Power /Power Adapter	
<a href="#">N7042A</a>	300 A (AC)	300 A (AC)	30 MHz	0.02V/A	Battery Power /Power Adapter	
<a href="#">N2820A/21A</a>	5A	5A	3 MHz	Sense R Dependent	Keysight AutoProbe	

- 1.N2779A 3 channel probe power supply \$ 1,310
- 2.Keysight AutoProbe interface is available with InfiniiVision 3000/4000/6000 series.
- 3.InfiniiVision 3000 series can support up to 2 current probes (including 1147B, N2893A, N7026A)
- 4.For N7026A, higher current range measurement can be reached with included external power adapter





**High Current Testing AC only**  
N7040A/41A/42A

- AC up to 3000A

**BNC Interface**

**AutoProbe Interface Collection**  
**InfiniiVision 3000/4000/6000**

**Best for R&D**

**N7026A**

- 1 mA/div resolution
- DC to 150 MHz
- External Power Adapter
- Easy Degauss/offset

**Power Testing General Purpose**

**1147B**

- 50 MHz
- Up to 30A
- Zoom-in & Zoom-out

**N2893A**

- 100 MHz
- Up to 30A

**IoT/Wearable/Mobile**

**N2820A/21A**

- Sense Resistor Probes
- 50 nA to 5A
- Zoom-in & Zoom-out

**General Purpose AC/DC**

**N2780B/81B/82B/83B**

- Wide Range

**Automotive**

**N2783L**

- 5 m Long Cable

**BNC Interface**

**1146B**

- 9V Battery Powered
- Low Cost

**Best for Education**

**BNC Interface**