Keysight Current Probe Overview

Model	Max Current Non-continuous	Max Current continuous	Bandwidth	Output Voltage Rate	Probe Power Source	Ref Price
1147B	30 A	15A	50 MHz	0.1 V/A	Keysight AutoProbe	
N2893A	30 A	15A	100 MHz	0.1 V/A	Keysight AutoProbe	
N2782B	50 A	30A	50 MHz	0.1 V/A	External N2779A	
N7026A	40 A	30A	150 MHz	1 or 0.2 V/A	Keysight AutoProbe / Power Adapter	
N2783L	50A	30A	80 MHz	0.1 V/A	External N2779A	
N2783B	50A	30A	100 MHz	0.1 V/A	External N2779A	
1146B	100A	100A	100 KHz	0.1 or 0.01 V/A	Battery Power	
N2781B	300A	150A	10 MHz	0.01 V/A	External N2779A	
N2780B	700A	500A	2 MHz	0.01 V/A	External N2779A	
N7040A	3000 A (AC)	3000 A (AC)	23 MHz	0.002V/A	Battery Power /Power Adapter	
N7041A	600 A (AC)	600 A (AC)	30 MHz	0.01 V/A	Battery Power /Power Adapter	
N7042A	300 A (AC)	300 A (AC)	30 MHz	0.02V/A	Battery Power /Power Adapter	
N2820A/21A	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/41/A/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

Gerneral 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

KEYSIGHT TECHNOLOGIES