

# AC/DC Oscilloscope Clamp

## 500kHz Current Probe



**RoHS  
Compliant**



### Description:

Active clamp style current probe has dual sensitivity ranges, 200mV/A and 20mV/A for current measurements up to 5A or 50A, respectively. Bandwidth in both ranges up to 500kHz. Powered by 9V battery or included AC power adapter.

Model 76-310 includes AC power adapter with North American style plugs.

### Features:

- Compact Stylish Body
- Dual Sensitivity Ranges
- 500kHz Bandwidth (-3dB)
- Over-Range Indicator
- Accessories: Insulated BNC Cable, BNC to Banana Plugs Adapter, AC Power Adapter, and Instruction Manual.

### Specifications:

Type	: Active Current
Measurement Ranges	: 200mV/A to 20mV/A
Current (DC + peak AC)	: 5A to 50A
DC Measurement Accuracy	: $\pm 3\%$ $\pm 30\text{mA}$ @ 200mV/A (30mA to 5A peak) : $\pm 4\%$ $\pm 300\text{mA}$ @ 20mV/A (300mA to 20A peak) : $\pm 15\%$ Max. @ 200mV/A (20A peak to 50A peak)
Bandwidth	: DC - 500kHz
Rise and Fall Time	: 0.7 $\mu\text{s}$ (Typ.)
Max. Working Voltage	: 600V AC RMS CAT II / 300V AC RMS CAT III
Max. Floating Voltage	: 600V AC RMS CAT II / 300V AC RMS CAT III
Battery Life	: 8 hours
Operating Temperature	: 0 to +50°C (32°F to 122°F)
Operating Humidity	: 0 to 95% (0 to 40°C / 32°F to 104°F)
Max. Cable Diameter	: 11mm (0.43")
Dimensions	: 262mm $\times$ 79mm $\times$ 36mm (10.3" $\times$ 3.15" $\times$ 1.4")
Weight	: 260g w/o battery

### Part Number Table

Description	Part Number
AC/DC Oscilloscope Clamp 500kHz Current Probe	76-310

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