

Current Probe - 1MHz



RoHS
Compliant



Description:

Active clamp style current probe has dual sensitivity ranges, 500mV/A and 50mV/A for current measurements up to 7A or 70A, respectively. Bandwidth in both ranges up to 1MHz. Powered by 9V battery or included AC power adapter.
Model 76-315 includes AC power adapter with North American style plugs.

Features:

- Compact Stylish Body
- Dual Sensitivity Ranges
- 1MHz 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	: 500mV/A / 50mV/A
Current (DC + peak AC)	: 7A / 70A
DC Measurement Accuracy	: $\pm 3\%$ $\pm 20\text{mA}$ @ 500mV/A (20mA to 14A peak) $\pm 4\%$ $\pm 200\text{mA}$ @ 50mV/A (200mA to 100A peak) $\pm 15\%$ Max. @ 50mV/A (100A peak to 140A peak)
Bandwidth	: DC - 1MHz
Rise and Fall Time	: 0.35 μs (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	: 6 hours
Operating Temperature/Humidity	: 0°C to +50°C / 0% to 95%
Max. Cable Diameter	: 10.3mm (0.4")
Dimensions	: 262mm $\times$ 81mm $\times$ 36mm (10.3" $\times$ 3.2" $\times$ 1.4")
Weight	: 310g w/o battery

Part Number Table

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