

Rigol RP1002C

Rigol RP1002C Current Probe. Current Probe, DC-1 MHz, 100A peak.

Features

- DC and AC Frequency range: DC to 1MHz up to 140A peak (non-continuous)
- Ranges of 0.05V/A, 0.5V/A for greater sensitivity
- Battery powered 9V internal for maximum external noise suppression
- External PSU socket provided (supplied with recommended 230V AC mains adapter for EU fitting - voltage rated for UK Mains voltage ranges)

CURRENT PROBE SELECTION TABLE (see product page for each model)

Model Number	Gain	Bandwidth	Gain Accuracy	Max.Input Current	RIGOL scope Compatibility	Recommended Applications
RP1001C	0.01V/A,0.1V/A	DC to 300KHz	100mV/A:±3% ±50mA (50mA to 10A peak range) 10mV/A:±4% ±50mA (500mA to 40A peak range) 100mV/A:±15% Max. (40A to 100A peak range)	DC:±100A AC P-P:200A AC RMS:70A	All series	Current test
RP1002C	0.05V/A,0.5V/A	DC to 1MHz	500mV/A:±3% ±20mA (20mA to 14A peak range) 50mV/A:±4% ±200mA (200mA to 100A peak range) 50mV/A:±15% Max. (100A to 140A peak range)	DC:±100A AC P-P:200A AC RMS:70A	All series	Current test
RP1003C	0.1V/A	DC to 50MHz	±1.0%rdg ±1mV, ≤30A ±2.0%rdg , 30A to 50A peak non-continuous	AC P-P:50A peak,non-continuous AC RMS:30A	All series	Current test,must order RP1000P power supply
RP1004C	0.1V/A	DC to 100MHz	±1.0%rdg ±1mV, ≤30A ±2.0%rdg , 30A to 50A peak, non-continuous	AC P-P:50A peak,non-continuous AC RMS:30A	All series	Current test,must order RP1000P power supply
RP1005C	0.01V/A	DC to 10MHz	±1.0%rdg ±1mV, ≤150A ±2.0%rdg , 150A to 300A peak	AC P-P:300A peak,non-continuous 500A Peak, pulse width ≤30us AC RMS:150A	All series	Current test,must order RP1000P power supply