

Test Probes

AC & DC Current Probes TT-CC series

Product description:

The TT-CC family of AC/DC current probes enable oscilloscope instruments to display AC, DC, and AC+DC current measurements up to 100 amps peak (TT-CC-300) and frequencies up to 1.5 MHz (TT-CC-1500). Using supplied BNC to banana plug adapter the current probes will work with most modern Digital Multimeter (DMM).

Features

- ▲ Overload warning function.
- ▲ Two ranges slide switches
- ▲ The power adapter is used for power supply and the dry battery power supply device is retained.
- ▲ Detachable design, sturdy and durable.
- ▲ Low noise floor, more suitable for low current testing.

Ordering Information

- TT-CC-300** 300kHz, 100A Current Probe
- TT-CC-500** 500kHz, 50A Current Probe
- TT-CC-1000** 1MHz 70A Current Probe
- TT-CC-1500** 1.5MHz 40A Current Probe

Standard Accessories :

- User Manual
- TT-CC MA Test adapter BNC/4mm plug
- TT-CC BNC BNC/BNC Test Lead
- TT-CC AC Power Supply



TT-CC MA



TT-CC BNC



TT-CC AC



TT-CC-300



TT-CC-500



TT-CC-1000



TT-CC-1500

Specifications

Model	TT-CC-300	TT-CC-500	TT-CC-1000	TT-CC-1500
Bandwidth (-3dB)	DC-300kHz	DC-500kHz	DC-1MHz	DC-1.5MHz
Accuracy	±3%: 50mA~10Apeak @100mV/A	±3%: 30mA~5Apeak @200mV/A	±3%: 20mA~14Apeak @500mV/A	±3%: 10mA~4Apeak @1V/A
	±4%: 500mA~40Apeak @10mV/A	±4%: 300mA~20Apeak @20mV/A	±4%: 0.2A~50Apeak @50mV/A	±4%: 0.1A ~ 40Apeak @0.1V/A
	±15%: 40A~100Apeak @10mV/A	±15%: 20A~500Apeak @20mV/A	±15%: 50A~70Apeak @50mV/A	
Conversion Ratio	10mV/A, 100mV/A	10mV/A, 100mV/A	50mV/A, 500mV/A	0.1V/A, 1V/A
AC Current	200Ap-p	500Ap-p	140Ap-p	80Ap-p
AC Current RMS	70A RMS	177A RMS	50A RMS	28A RMS
DC Current	100A DC	250A DC	70A DC	40A DC
Measuring Wire Diameter	≤ Φ 11mm	≤ Φ 20mm	≤ Φ 10.3mm	≤ Φ 10.3mm
Maximum Sensitivity	10mA	20mV/A	2mA	1mA
Oscilloscope Shows 1mV	10mA	20mA	2mA	1mA
Rise Time	1.2μs	0.7μs	0.35μs	0.23μs
Working Voltage	300V CAT III	600V CAT III	300V CAT III	
Floating Voltage	600V CAT II	600V CAT II	600V CAT II	
Temp. & Humidity	0 ~ 50℃, 20% ~ 75%RH			
Dimension (L×W×H)	280×70×32mm.		262×81×36mm.	
Weight	260g.			