

## Current Probes for Every Application



- **Easy to Use**
  - No need to break the circuit or insert a shunt
  - Small form factors for use on crowded boards
- **Variety of Applications**
  - Bandwidths up to 100 MHz
  - Peak currents up to 700 A
  - Sensitivities down to 1mA/div
- **High Precision Measurements**
  - Low frequency accuracy of 1%
  - Integrated autozero capability
- **Fully Integrated with Teledyne LeCroy Oscilloscope**
  - No additional hardware is required
  - Power is supplied from oscilloscope ProBus connection
  - Automatic display of waveforms in Amps and calculated power traces scaled correctly in Watts
  - Degauss and Autozero directly from oscilloscope user interface
- **DCS025 Deskew Calibration Source**
  - Provides ability to precisely deskew most voltage probes along with 30, 150 and 500A current probes

### Key Specifications

	CP030 (CP030-3M)	CP030A	CP031	CP031A	CP150 (CP150-6M)	CP500
<b>Max Continuous Current</b>		30 A <sub>rms</sub>			150 A <sub>rms</sub>	500 A <sub>rms</sub>
<b>Max Peak Current</b>		50 A (non-continuous)			300 A <sub>peak</sub> (non-continuous); 500 A <sub>peak</sub> ≤ 30 μs	700 A (non-continuous)
<b>Bandwidth</b>	50 MHz (10 MHz)	50 MHz	100 MHz		10 MHz (5 MHz)	2 MHz
<b>Minimum Sensitivity</b>	10 mA/div	1 mA/div	10 mA/div	1 mA/div	100 mA/div	

For more information, please contact:





## Key Features

- Max continuous currents ranging from 30 A<sub>rms</sub> to 500 A<sub>rms</sub>
- Max peak currents from 50 A<sub>peak</sub> to 700 A<sub>peak</sub>
- Wide bandwidths from 2 MHz to 100 MHz
- ProBus active probe interface with automatic scaling in A/div
- Autozero and degauss capabilities built into user interface
- Sensitivity down to 1 mA/div
- Precise voltage and current deskew with the DCS025 deskew calibration fixture

## Ordering Information

Current Probes	
<b>CP030</b>	30 A; 50 MHz Current Probe – AC/DC; 30 Arms; 50 A Peak Pulse
<b>CP030-3M</b>	30A; 10 MHz Current Probe - AC/DC, 30 Arms; 50 A Peak Pulse, 3 meter cable (not EMC compliant)
<b>CP030A</b>	30 A; 50 MHz High Sensitivity Current Probe – AC/DC; 30 Arms; 50 A Peak Pulse
<b>CP031</b>	30 A; 100 MHz Current Probe – AC/DC; 30 Arms; 50 A Peak Pulse
<b>CP031A</b>	30 A; 100 MHz High Sensitivity Current Probe – AC/DC; 30 Arms; 50 A Peak Pulse
<b>CP150</b>	150 A; 10 MHz Current Probe – AC/DC; 150 Arms; 500 A Peak Pulse
<b>CP150-6M</b>	150 A; 5 MHz Current Probe – AC/DC; 150 Arms; 500 A Peak Pulse, 6 meter cable (not EMC compliant)
<b>CP500</b>	500 A; 2 MHz Current Probe – AC/DC; 500 Arms; 700 A Peak Pulse
<b>DCS025</b>	Deskew Calibration Source