

# AC/DC Oscilloscope Clamp On Current Probes

**ELDITEST**



## FEATURES:

- 4 Model family
- Compact stylish body
- Current ranges: 100, 50, 70 & 40 A
- Bandwidths 300k, 500k, 1M & 1.5MHz
- Dual sensitivity ranges
- Over-range indicator
- Adapter (included) or battery powered
- Full accessories included

The series is marketed under the time-honored ELDITEST brand name in both North America and the European Union

## NEW FAMILY OF PERFORMANCE OSCILLOSCOPE CURRENT PROBES:

Cal Test introduces a four model family of ELDITEST current probes to extend the functionality of general purpose oscilloscopes. The active probes feature dual-range selection, over-range indicator, and battery power for portable applications. The family range in current capability up to 100 A (model CP6220) and operating bandwidth up to 1.5 MHz (model CP6990). The included power adapter is available with either North American or European connectors. The table below outlines each model's specifications.

For additional product information, cross-reference, or other accessories, visit our web site at [caltestelectronics.com](http://caltestelectronics.com).

## SPECIFICATIONS:

| MODELS                         | CP6220-NA<br>CP6220-EU  | CP6550-NA<br>CP6550-EU   | CP6770-NA<br>CP6770-EU  | CP6990-NA<br>CP6990-EU   |
|--------------------------------|---|--|---|--|
| <b>Measurement Ranges</b>      | 100 mV/A – 10 mV/A  | 200 mV/A – 20 mV/A   | 500 mV/A – 50 mV/A  | 1 V/A – 100 mV/A   |
| <b>Current (DC + peak AC)</b>  | 10 A – 100 A  | 5 A – 50 A   | 7 A – 70 A  | 4 A – 40 A   |
| <b>DC Measurement Accuracy</b> | ±3% ±50 mA @ 100 mV/A<br>(50 mA to 10 A peak)<br>±4% ±50 mA @ 10 mV/A<br>(500 mA to 40 A peak)<br>±15% max @ 10 mV/A<br>(40 A peak to 100 A peak) | <±3% ±30 mA @ 200 mV/A<br>(30 mA to 5 A peak)<br>±4% ±300 mA @ 20 mV/A<br>(300 mA to 20 A peak)<br>±15% @ 200 mV/A<br>(20 A peak to 50 A peak) | <±3% ±20 mA @ 500 mV/A<br>(20 mA to 14 A peak)<br>±4% ±200 mA @ 50 mV/A<br>(200 mA to 100 A peak)<br>±15% @ 50 mV/A<br>(100 A peak to 140 A peak) | <±3% ±10 mA @ 1 V/A (10 mA to 8 A peak)<br>±4% ±100 mA @ 100 mV/A<br>(100 mA to 80 A peak) |
| <b>Bandwidth</b>               | DC – 300 kHz  | DC – 500 kHz   | DC – 1 MHz  | DC – 1.5 MHz   |
| <b>Rise and Fall Time</b>      | 1.2 µs (typ.)   | 0.7 µs (typ.)  | 0.35 µs (typ.)  | 0.23 µs (typ.)   |
| <b>Max. Working Voltage</b>    | 600 VAC RMS CAT II / 300 VAC RMS CAT III  |  |   |  |
| <b>Battery Life</b>            | 8 h   |  | 6 h   | 4 h  |
| <b>Operating Temperature</b>   | 0 to 50° C (32 to 122° F)   |  |   |  |
| <b>Operating Humidity</b>      | 0 to 95% (0 to 40° C; 32 to 104° F)   |  |   |  |
| <b>Max. Cable Diameter</b>     | 11 mm (0.43")   |  | 10.3 mm (0.4")  |  |
| <b>Dimensions</b>              | 262 mm x 79 mm x 36 mm<br>(10.3 x 3.15 x 1.4")  |  | 262 mm x 81 mm x 36 mm<br>(10.3 x 3.2 x 1.4")   |  |
| <b>Weight</b>                  | 260 g w/o battery   |  | 310 g w/o battery   |  |

Specifications and appearance subject to change without notice  
CP6000\_rA

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**ORDER INFORMATION:**

|                  |   |
|------------------|---|
| <b>CP6220-EU</b> | <i>300 kHz, 100 A ac/dc, EU Adapter</i> |
| <b>CP6220-NA</b> | <i>300 kHz, 100 A ac/dc, NA Adapter</i> |
| <b>CP6550-EU</b> | <i>500 kHz, 50 A ac/dc, EU Adapter</i>  |
| <b>CP6550-NA</b> | <i>500 kHz, 50 A ac/dc, NA Adapter</i>  |
| <b>CP6770-EU</b> | <i>1 MHz, 70 A ac/dc, EU Adapter</i>    |
| <b>CP6770-NA</b> | <i>1 MHz, 70 A ac/dc, NA Adapter</i>    |
| <b>CP6990-EU</b> | <i>1.5 MHz, 40 A ac/dc, EU Adapter</i>  |
| <b>CP6990-NA</b> | <i>1.5 MHz, 40 A ac/dc, NA Adapter</i>  |

**CONTACT INFO:**

*Toll Free: 888-256-2246 (US Only)*  
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*22820 Savi Ranch Pkwy*  
*Yorba Linda, CA 92887-4610 USA*  
*www.caltestelectronics.com*

**INCLUDED ACCESSORIES:**



*Insulated BNC Cable Assembly*  
*CT3955-100*



*BNC to Banana Plug Adapter*  
*CT3956*



*Power Adapter*  
*CT3957-NA*  
*CT3957-EU*

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