

## ELDITEST

### CP6000 series

AC/DC Oscilloscope Clamp On Current Probes

**Current: up to 100A**  
**Bandwidth: up to 1,5MHz**

#### Capabilities

- 4 Model family for all applications :  
300kHz / 500kHz / 1MHz / 1,5MHz
- Dual sensitivity ranges
- Offset adjustment
- Over range indicator
- Main adaptor included or battery powered
- Possible use with a multimeter (with adaptor supplied)
- Safety : **CAT II - 600V and CAT III - 300V**

#### New family of performance oscilloscope current probe

The new AC/DC oscilloscope clamp on current probes have been designed to extend the functionality of any general purpose oscilloscopes. Bandwidth starts at 300kHz up to 1,5MHz, and currents measurements up to 100A.

#### Compact stylish body and jaw

The compact body and slim jaw allows to use these probes for electronic circuits. All AC and DC measurements are possible with large dynamic range.

#### A complete set of accessories

The CP6000 series is supplied with a complete set of accessories, which allows to use with main adaptor or battery powered, with oscilloscope or DMM.



probe with accessories

**new**

Up to 1.5MHz  
bandwidth

**ELDITEST**

#### Selection guide - CP6000 series

	CP6220	CP6550	CP6770	CP6990
<b>Current ranges</b>	10 A – 100 A	5 A – 50 A	7 A – 70 A	4 A – 40 A
<b>Output level</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>Bandwidth</b>	DC – 300 kHz	DC – 500 kHz	DC – 1 MHz	DC – 1.5 MHz
<b>Max. cable diameter</b>	11mm	11mm	10.3mm	10.3mm



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Specifications				
Model	CP6220	CP6550	CP6770	CP6990
Ranges	100 mV/A - 10 mV/A	200 mV/A - 20 mV/A	500 mV/A - 50 mV/A	1 V/A - 100 mV/A
Current (DC + peak AC)	10 A - 100 A	5 A - 50 A	7 A - 70 A	4 A - 40 A
DC measurement accuracy	$\pm 3\% \pm 50 \text{ mA} - 100 \text{ mV/A}$ (50 mA to 10 A peak)	$< \pm 3\% \pm 30 \text{ mA} - 200 \text{ mV/A}$ (30 mA to 5 A peak)	$< \pm 3\% \pm 20 \text{ mA} - 500 \text{ mV/A}$ (20 mA to 14 A peak) $\pm 4\% \pm 200 \text{ mA} @ 50 \text{ mV/A}$ (200 mA to 100 A peak) $\pm 15\% - 50 \text{ mV/A}$ (100 A peak to 140 A peak)	$< \pm 3\% \pm 10 \text{ mA} - 1 \text{ V/A}$ (10 mA to 8 A peak)
	$\pm 4\% \pm 50 \text{ mA} - 10 \text{ mV/A}$ (500 mA to 40 A peak) $\pm 15\% \text{ max} - 10 \text{ mV/A}$ (40 A peak to 100 A peak)	$\pm 4\% \pm 300 \text{ mA} - 20 \text{ mV/A}$ (300 mA to 20 A peak) $\pm 15\% - 200 \text{ mV/A}$ (20 A peak to 50 A peak)		$\pm 4\% \pm 100 \text{ mA} - 100 \text{ mV/A}$ (100 mA to 80 A peak)
Bandwidth	DC - 300 kHz	DC - 500 kHz	DC - 1 MHz	DC - 1.5 MHz
Rise and fall time	1.2 $\mu\text{s}$ (typ.)	0.7 $\mu\text{s}$ (typ.)	0.35 $\mu\text{s}$ (typ.)	0.23 $\mu\text{s}$ (typ.)
Safety	600 VAC eff. CAT II / 300 VAC eff. CAT III			
Max. voltage to earth reference	600 VAC eff. CAT II / 300 VAC eff. CAT III			
Battery	9 V Alcaline (NEDA 1604A, IEC 6LR61, 6F22)			
Autonomy (with battery)	8 h		6 h	4 h
Operating temperature	0 to 50° C			
Storage temperature	-20 to 80° C			
Relative humidity	0 to 95% (0 to 40° C) 0 to 45% (40 to 50° C)			
Max. cable diameter	11 mm		10.3 mm	
Dimensions	262 mm x 79 mm x 36 mm		262 mm x 81 mm x 36 mm	
Weight	260 g without battery		310 g without battery	

**Supplied :** manual, main adaptor, BNC cable, BNC-banana adaptor for DMM  
Elditest® is a registered brand, owned by SEFRAM Instruments et Systèmes



Supplied with complete accessories



FT CP6000 A 00 - Specifications can be updated without notice



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**For assistance and ordering**

