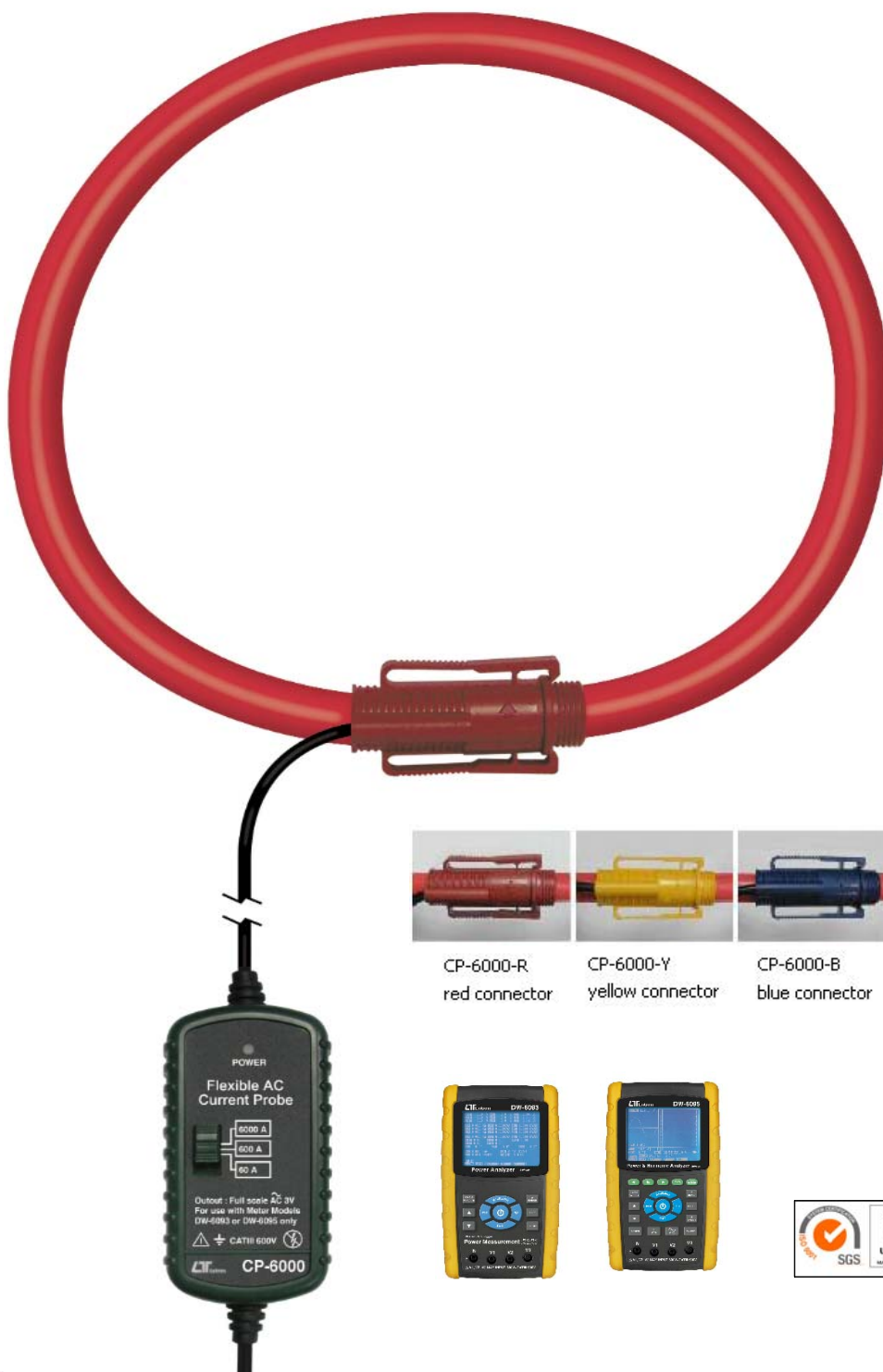


*60 A/600 A/6000 A, 3 ACV at full scale, probe length 900 mm  
For 3 phase power analyzer DW-6093, DW-6095*

# 6,000A FLEXIBLE CURRENT PROBE

Model : CP-6000

*ISO-9001, CE, IEC1010*



CP-6000-R  
red connector



CP-6000-Y  
yellow connector



CP-6000-B  
blue connector



**Lutron**

**LUTRON ELECTRONIC**

***The Art of Measurement***

# Flexible 6,000 Amp CURRENT PROBE

Model : CP-6000

## FEATURES

|   |
|---|
| * Ranges : 60 A/600 A/6000 A, ACA.  |
| * Output voltage : 3 ACV at each full scale.  |
| * Flexible probe length : 900 mm ( 35.4 inch ).   |
| * Optional current probe for DW-6093, DW-6095.  |
| * When change the new probe, the calibration procedures are not necessary to be executed. |
| * Signal output use the banana plugs, durable and safety.                                 |
| * Power supply is from the meter (DW-6093, DW-6095 ), battery is not necessary.           |

## SPECIFICATIONS

|                                |  |
|--------------------------------|--|
| Measurement ranges             | 60 A/600 A/6000 A, 3 ranges, ACA.<br>switch selectable<br><i>1st range value : 30 A</i><br><i>2nd range value : 300 A</i><br><i>3rd range value : 3000 A</i>   |
| Output sensitivity             | 3 ACV at each full scale ( 60 A, 600 A or 6000 A ).  |
| Accuracy                       | $\pm 1\%$ of range value<br><i>* Accuracy is specified that the measured conductor's position is on the center of " Flexible current probe ".</i><br><i>* 50/60 Hz..</i><br><i>* <math>23 \pm 5^\circ\text{C}</math></i> |
| Frequency range                | 45 to 400 Hz.<br><i>* Accuracy tested under 50/60 Hz.</i>  |
| Linearity                      | $\pm 0.2\%$ of reading value from 10 % to 100% of range value.   |
| Phase error                    | $< \pm 1.5^\circ$<br><i>* 50/60 Hz..</i>   |
| Conductor position sensitivity | $\pm 2\%$ of range value.<br><i>* Recommend the measured conductor position should <math>&gt; 25\text{ mm}</math> ( 1" ) away from the " Probe locker ".</i>   |
| External field influence       | increase $\pm 1.5\%$ of range value max..<br><i>* Recommend the distance between different " Flexibel current probe " should <math>&gt; 200\text{ mm}</math> ( 8" ).</i>   |
| Minimum load                   | 100 K ohm for specified accuracy.  |
| Enclosure material             | UL 94-V0 rated.  |
| Safety                         | IEC 1010, Categories III 600V.   |
| Power Supply                   | Power supply is from the meter (DW-6093, DW-6095 ), battery is not necessary.<br><i>* Power supply voltage from DW-6093, DW-6095 is DC <math>8\text{V} \pm 1\text{V}</math>.</i>   |

|                       |   |
|-----------------------|---|
| Operating Temperature | 0°C to 50°C ( 32°F to 122°F ).  |
| Operating Humidity    | Less than 80% RH.   |
| Dimension             | <i>Main circuit unit :</i><br>105 x 56.5 x 33 mm.<br>( 4.1 x 2.2 x 1.3 inch ).<br><i>Flexible probe :</i><br>900 mm x 14.5 mm DIA.<br>35.4 inch x 0.57 inch DIA.<br><i>Cable length :</i><br>3.4 meters ( 11.2 feet ).<br><i>DC plug size :</i><br>5.5 mm x 2.5 mm DIA. |
| Weight                | 505 g ( 1.12 LB ).  |
| Accessory Included    | Operating manual ..... 1 PC.  |

## FRONT PANEL DESCRIPTIONS

