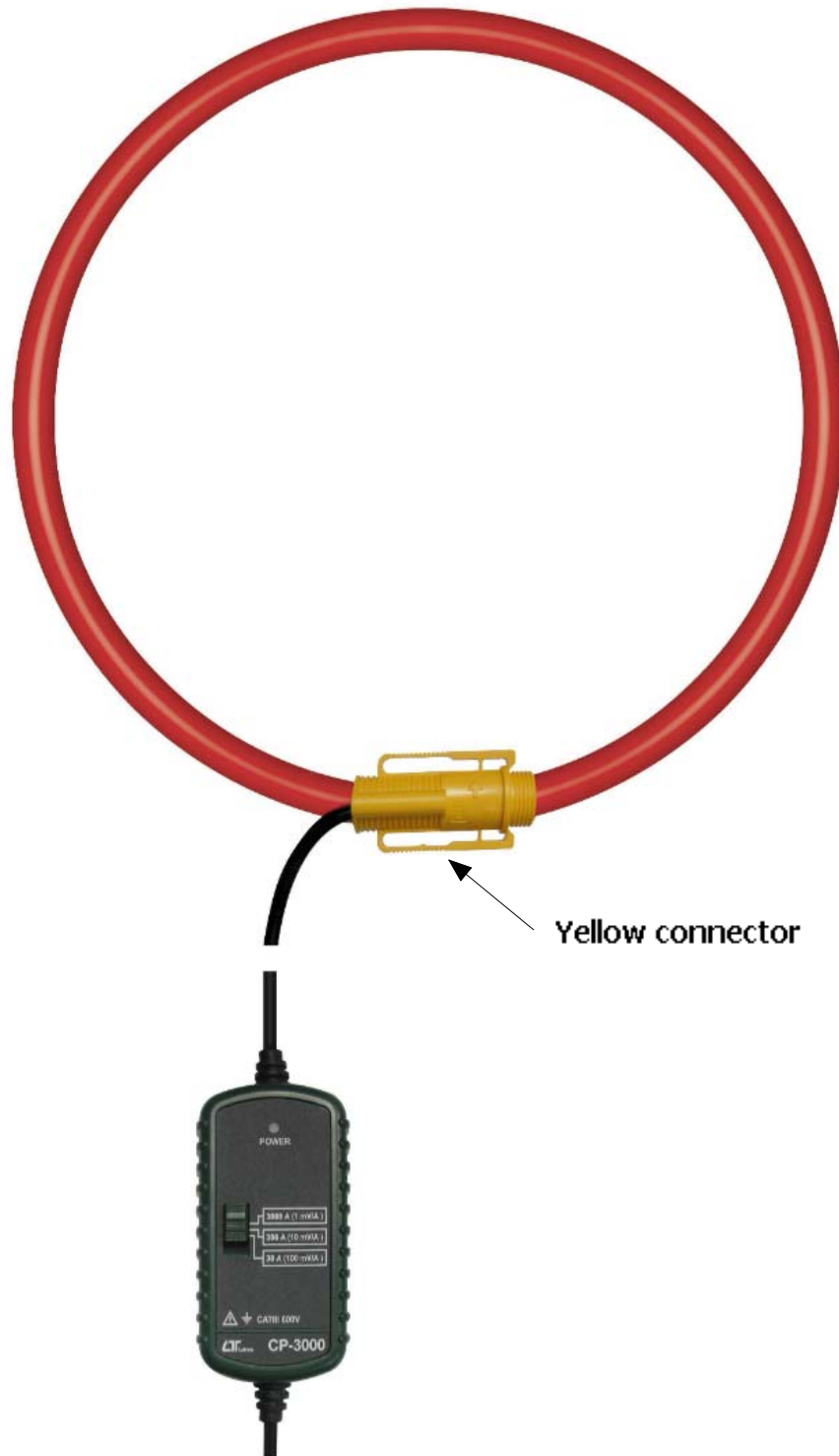


# Flexible 3000 Amp current probe

Model : CP-3000-Y

ISO-9001, CE, IEC1010

---



**Lutron**

**LUTRON ELECTRONIC**

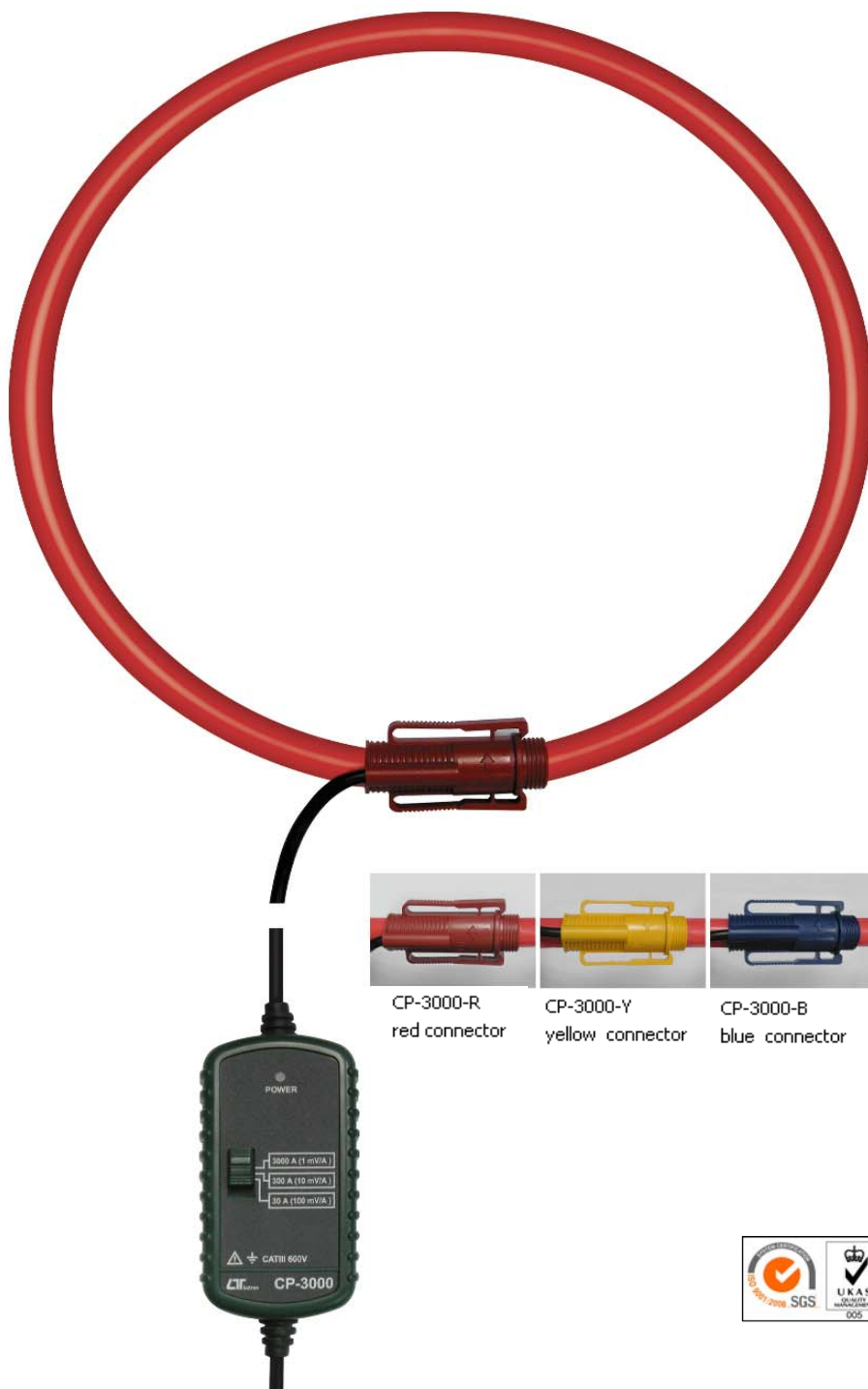
*The Art of Measurement*

*30 A/300 A/3000 A, 100 mV/A, 10 mV/A, 1 mV/A  
For 3 phase power analyzer DW-6093, DW-6095*

## **3000A FLEXIBLE CURRENT PROBE**

**Model : CP-3000**

**ISO-9001, CE, IEC1010**



CP-3000-R  
red connector

CP-3000-Y  
yellow connector

CP-3000-B  
blue connector



**Lutron**

**LUTRON ELECTRONIC**

***The Art of Measurement***

# Flexible 3000 Amp CURRENT PROBE

Model : CP-3000

## FEATURES

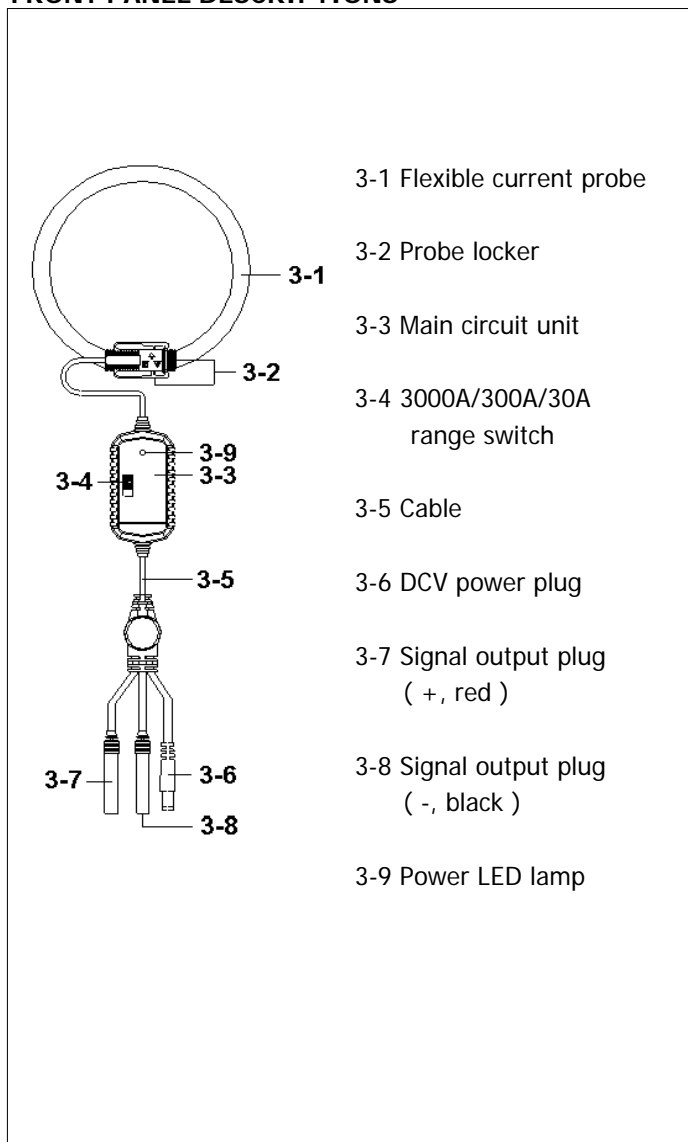
* Range : 30 A/300 A/3000 A.
* Output sensitivity : 100 mV/A, 10 mV/A, 1 mV/A.
* Output voltage : 3 ACV ( 30 A, 300 A, 3000 A ).
* Flexible probe length : 600 mm ( 23.6 inch ).
* Optional current probe for DW-6093, DW-6095.
* When change the new probe, the calibration procedures are not necessary to 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	30 A/300 A/3000 A, 3 ranges, switch selectable <i>1st range value : 30 A</i> <i>2nd range value : 300 A</i> <i>3rd range value : 3000 A</i>
Output sensitivity	100 mV/A, 10 mV/A, 1 mV/A, AC coupled.
Accuracy	± 1% of range value <i>* Accuracy is specified that the measured conductor's position is on the center of " Flexible current probe ".</i> <i>* 50/60 Hz..</i> <i>* 23 ± 5 °C</i>
Frequency range	45 to 400 Hz. <i>* Accuracy tested under 50/60 Hz.</i>
Linearity	± 0.2 % of reading value from 10 % to 100% of range value.
Phase error	< ± 1.5° <i>* 50/60 Hz..</i>
Conductor position sensitivity	± 2 % of range value. <i>* Recommend the measured conductor position should &gt; 25 mm ( 1" ) away from the " Probe locker ".</i>
External field influence	increase ± 1.5 % of range value max.. <i>* Recommend the distance between different " Flexibel current probe " should &gt; 200 mm ( 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. <i>* Power supply voltage from DW-6093, DW-6095 is DC 8V± 1V..</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> 105 x 56.5 x 33 mm. ( 4.1 x 2.2 x 1.3 inch ). <i>Flexible probe :</i> 600 mm x 14.5 mm DIA. 23.6 inch x 0.57 inch DIA. <i>Cable length :</i> 3.4 meters ( 11.2 feet ). <i>DC plug size :</i> 5.5 mm x 2.5 mm DIA.
Weight	480 g ( 1.06 LB ).
Accessory Included	Operating manual .....1 PC.

## FRONT PANEL DESCRIPTIONS



\* Appearance and specifications listed in this brochure are subject to change without notice.