

Flexible 3000 Amp current probe

Model : CM-3000-R

ISO-9001, CE, IEC1010



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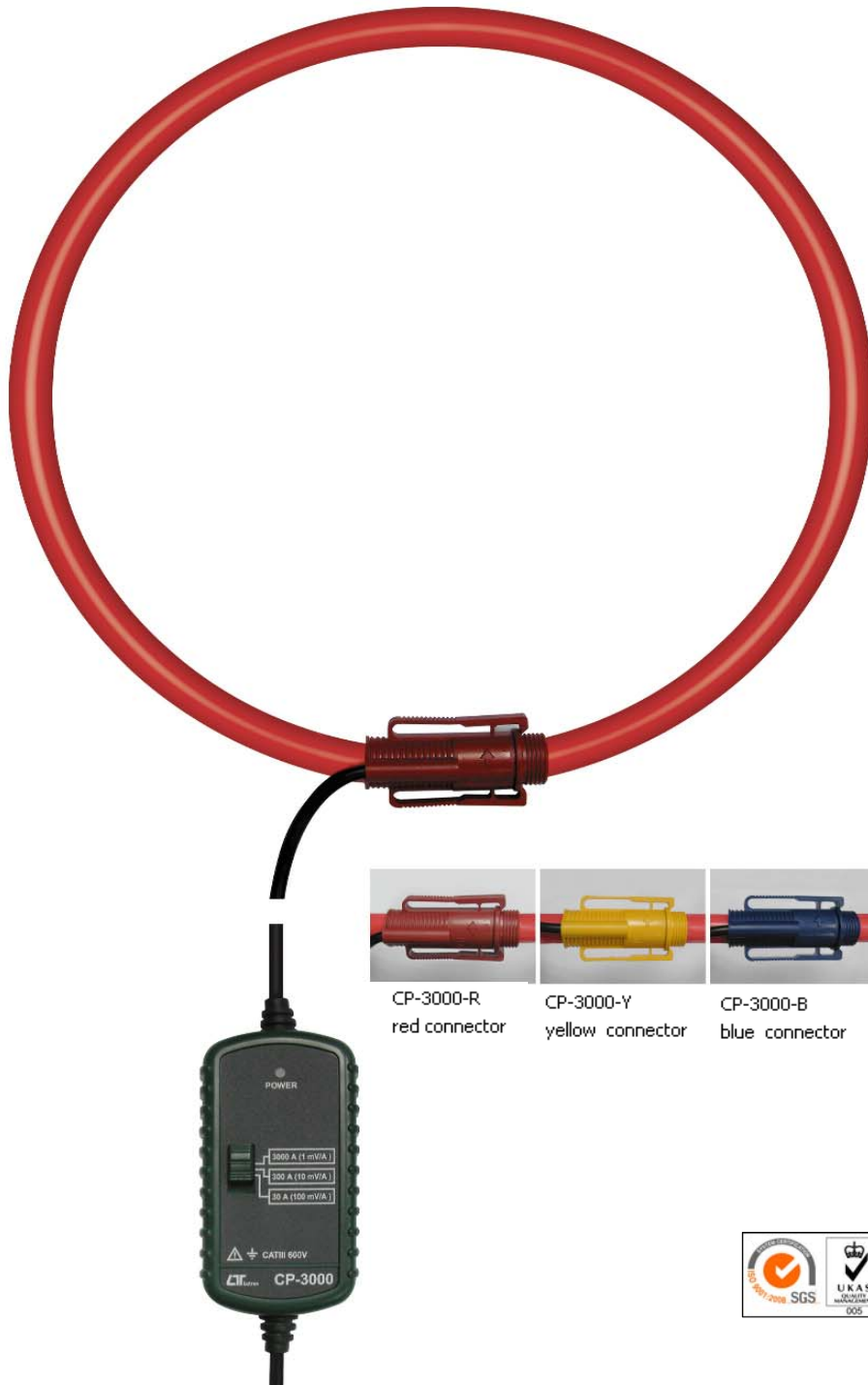
The Art of Measurement

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



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The Art of Measurement

Flexible 3000 Amp CURRENT PROBE

Model : CP-3000

FEATURES

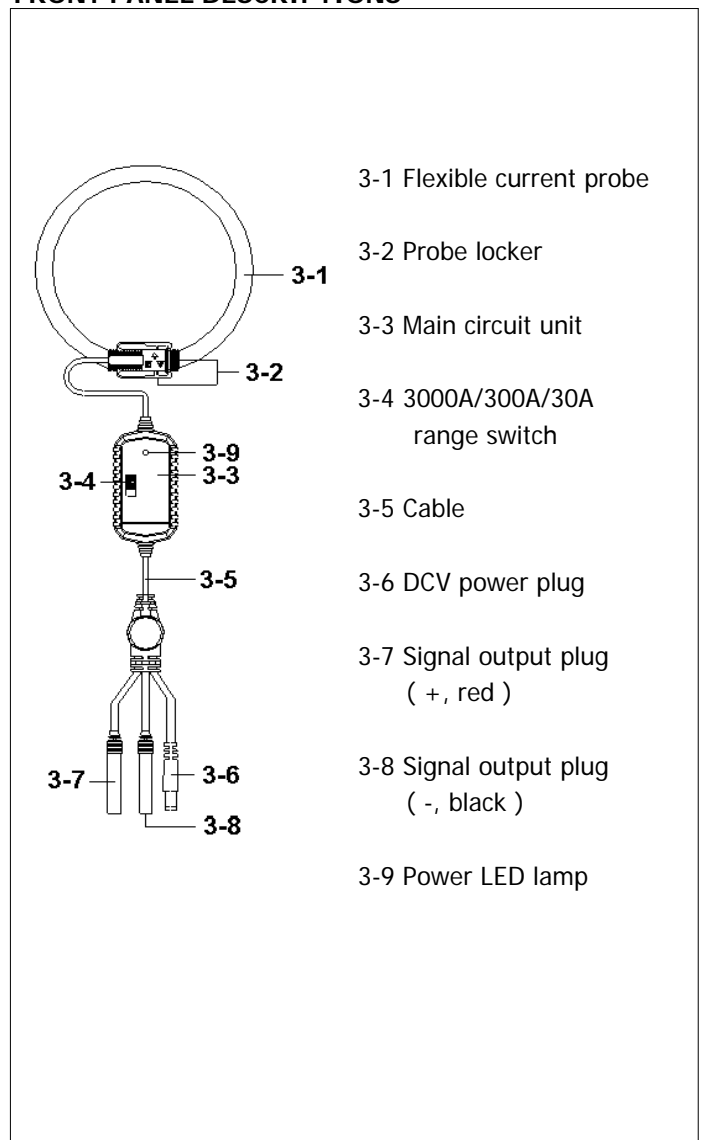
* Range : 30 A/300 A/3000 A.
* Output sensitivity : 100 mV/A, 10 mV/A, 1 mV/A.
* Output voltage : 3 ACV (30 A, 300 A, 3000 A).
* Flexible probe length : 600 mm (23.6 inch).
* Optional current probe for DW-6093, DW-6095.
* When change the new probe, the calibration procedures are not necessary to be executed.
* 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 > 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 > 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 manual1 PC.

FRONT PANEL DESCRIPTIONS



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