

30 A/300 A/3000 A, 3 ACV at full scale, probe length 600 mm  
CP-3001 can cooperate any kinds multimeters ( ACmV meters )

# 3,000A FLEXIBLE CURRENT PROBE

Model : CP-3001

ISO-9001, CE, IEC1010

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02-2389-0101



CP-3001-R  
red connector

CP-3001-Y  
yellow connector

CP-3001-B  
blue connector



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# Flexible 3,000 Amp CURRENT PROBE

Model : CP-3001

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## FEATURES

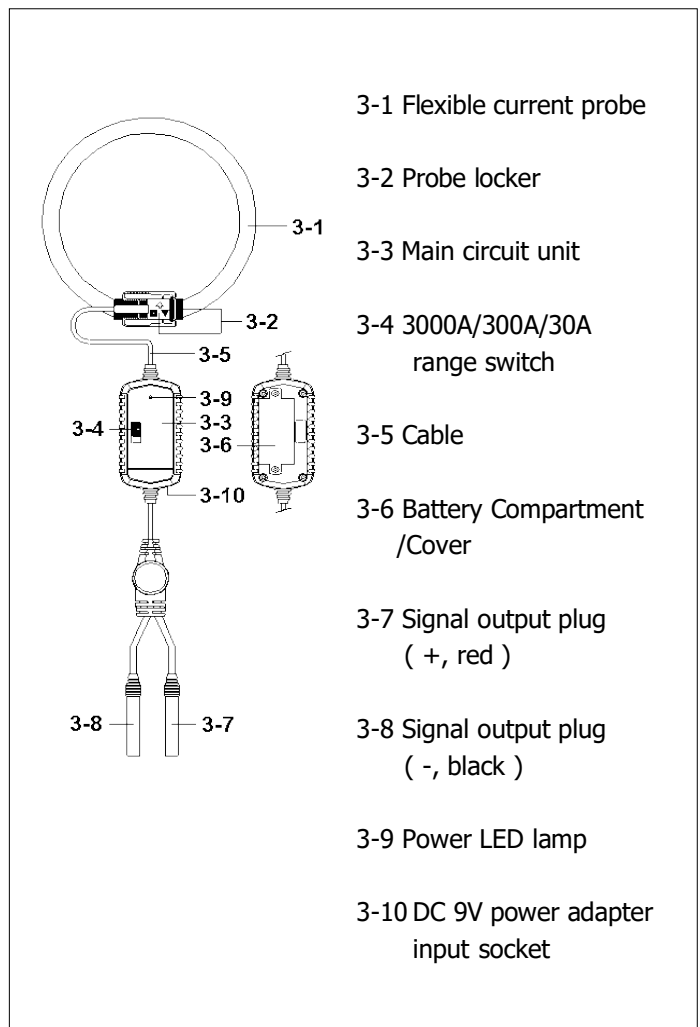
* Ranges : 30 A/300 A/3000 A, ACA.
* Output voltage : 3 ACV at full scale.
* Flexible probe length : 600 mm ( 23.6 inch ).
* Optional current probe for DW-6092, DW-6093, DW-6095.
* When change the new probe, the calibration procedures are not necessary to be executed.
* Signal output use the banana plugs, durable and safety.
* CP-3001 can cooperate with any kinds of multimeters ( ACmV meters ) which are built-in the ACV mV measurement range, then can be used as the AC 3000 Amps ( max. ) current meter.

## SPECIFICATIONS

Models	CP-3001-R ( red connector ). CP-3001-Y ( yellow connector ). CP-3001-B ( blue connector ).
Measurement ranges	60 A/600 A/6000 A, 3 ranges, ACA. switch selectable 1st range value : 30 A 2nd range value : 300 A 3rd range value : 3000 A
Output sensitivity	3 ACV at each full scale ( 30 A, 300 A or 3000 A ).
Accuracy	± 1% of range value * Accuracy is specified that the measured conductor's position is on the center of " Flexible current probe". * 50/60 Hz.. * 23 ± 5 °C
Frequency range	45 to 400 Hz. * Accuracy tested under 50/60 Hz.
Linearity	± 0.2 % of reading value from 10 % to 100% of range value.
Phase error	< ± 1.5° * 50/60 Hz..
Conductor position sensitivity	± 2 % of range value. * Recommend the measured conductor position should > 25 mm ( 1" ) away from the " Probe locker".
External field influence	increase ± 1.5 % of range value max.. * Recommend the distance between different " Flexibel current probe " should > 200 mm ( 8" ).
Enclosure material	UL 94-V0 rated.
Safety	IEC 1010, Categories III 600V.
Power supply	DC 1.5V battery ( UM-3/AA ) x 2 PCs or DC 9V adapter in.

Power consumption	Approx. DC 9 mA.
Operating Temperature	0°C to 50°C ( 32°F to 122°F ).
Operating Humidity	Less than 80% RH.
Dimension	Main circuit unit : 105 x 56.5 x 33 mm. ( 4.1 x 2.2 x 1.3 inch ). Flexible probe : 600 mm x 14.5 mm DIA. 23.6 inch x 0.57 inch DIA. Cable length: 3.4 meters ( 11.2 feet ). DC plug size : 5.5 mm x 2.5 mm DIA.
Weight	426 g ( 0.94 LB ).
Accessory Included	Operating manual ..... 1 PC.

## FRONT PANEL DESCRIPTIONS



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

1209-CP3001