

60 A/600 A/6000 A, 3 ACV at full scale, probe length 900 mm  
CP-6001 can cooperate any kinds multimeters ( ACmV meters )

# 6,000A FLEXIBLE CURRENT PROBE

Model : CP-6001

ISO-9001, CE, IEC1010

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CP-6001-R  
RED  
CONNECTOR

CP-6001-Y  
YELLOW  
CONNECTOR

CP-6001-B  
BLUE  
CONNECTOR



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*The Art of Measurement*

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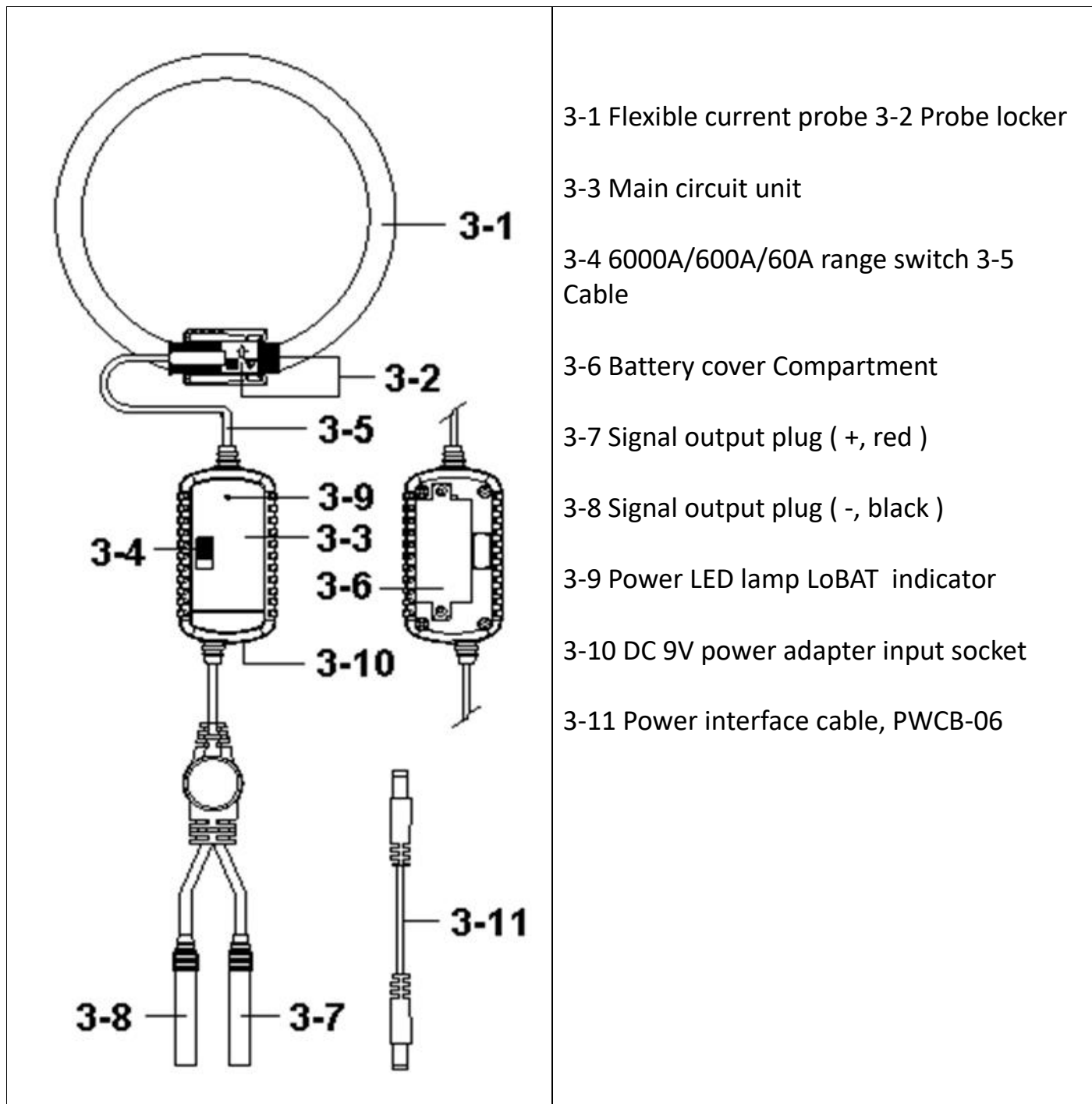
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FEATURE
* Range : 60 A/600 A/6000 A.
* Output sensitivity : 50 mV/A, 5 mV/A, 0.5 mV/A.
* Output voltage : 3 ACV ( 60 A, 600 A, 6000 A ).
* Flexible probe length : 900 mm ( 35.4 inch ).
* Optional current probe for DW-6093, DW-6095.
* When change the new probe, the calibration procedures are not necessary to be executed.
* Signal output use the banana plugs, durable and safety.
* Power supply is from DC 1.5 V, AA ( UM-3 ) battery x 2 PCs or from the optional AC to DC 9V adapter. or from the meter (DW-6093, DW-6095 ) via Power interface cable, PWCB-06.

### GENERAL SPECIFICATION

Measurement ranges	60 A/600 A/6000 A, 3 ranges, switch selectable 1st range value : 60 A 2nd range value : 600 A 3rd range value : 6000 A
Output sensitivity	50 mV/A, 5 mV/A, 0.5 mV/A, AC coupled.
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 " Flexible current probe " should > 200 mm ( 8" ).
Minimum load	100 K ohm for specified accuracy.
Enclosure material	UL 94-V0 rated.
Safety	IEC 1010, Categories III 600V.
Power Supply	1 DC 1.5 V, AA ( UM-3 ) battery x 2 PCs 2 AC to DC 9V power adapter ( optional ). 3 Power supply from the meter ( DW-6093, DW-6095 ) via Power interface cable, PWCB-06 ( included ). * Power supply voltage from DW-6093, DW-6095 is DC 8V± 1V.
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 : 900 mm x 14.5 mm DIA. 35.4 inch x 0.57 inch DIA. Cable length : 3.3 meters ( 10.8 feet ). DC plug size : 5.5 mm x 2.5 mm DIA.
Power Consumption	Approx DC 9 mA.
Weight	523 g ( 1.2 LB ).
Accessory Included	Operating manual ... 1 PC. Power interface cable, PWCB-06.... 1 PC.
Optional Accessory	AC to DC 9V power adapter.

## FRONT PANEL DESCRIPTIONS



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

CP-6001+1303

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