

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



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The Art of Measurement



Flexible 3000 Amp CURRENT PROBE

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Model : CP-3000

FEATURES

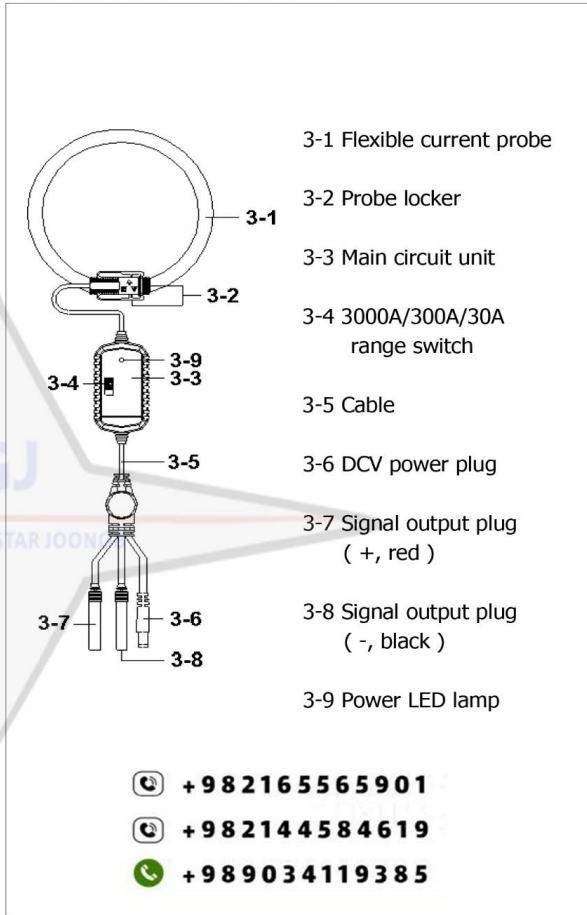
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| * Range : 30 A/300 A/3000 A. |
| * Output sensitivity : 100 mV/A, 10 mV/A, 1 mV/A. |
| * Output voltage : 3 ACV (30 A, 300 A, 3000 A). |
| * Flexible probe length : 600 mm (23.6 inch). |
| * Optional current probe for DW-6093, DW-6095. |
| * When 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

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|--------------------------------|---|
| 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> |

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| 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.

1201-CP3000