

AC true power, 20 KW/100 KW

POWER CLAMP METER

Model : PC-6010

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement

POWER CLAMP METER

Model : PC-6010

| FEATURES | |
|--|--|
| * Watt (true power), ACV, DCV, ACA, OHMS, Diode. | |
| * Watt measurement via the inductive clamp jaw. | |
| * Wide range for power measurement, max. value up to 100 KW. | |
| * Design meet IEC 1010 safety requirement. | |
| * Heavy duty ACA clamp meter, 600 A max. range. | |
| * Compact & heavy duty ABS housing plastic case. | |
| * Measure AC current by the inductive conductor. | |
| * LSI circuit provides high reliability and durability. | |
| * LCD display, clear readout | |
| * Overload protection circuit is provided for all range. | |

| GENERAL SPECIFICATIONS | |
|----------------------------|--|
| Display | 13 mm (0.5") LCD, 3 1/2 digits. Max. indication 1999. |
| Measurement | Watt (true power). DCV, ACV, ACA, ohms, Diode. |
| Polarity | Automatic Switching, " - " indicates negative polarity. |
| Current Sensor | Hall effect sensors. |
| Over-input | Display shows " 1 " or " -1 ". |
| Watt Zero Adjustment | Built-in external adjustment knob. |
| Sampling Time | Approx. 0.4 second. |
| Battery | Heavy duty type or Alkaline battery. DC 9V battery. 006P, MN1604 (PP3) or equivalent. |
| Operating Temp. | 0 to 50 °C (32 to 122 °F). |
| Operating Humidity | Less than 80% RH. |
| Power Consumption | Approx. DC 15 mA. |
| Weight | 480 g/0.88 LB (including battery). |
| Dimension | HWD 230 x 74 x 38 mm. (9.1 x 2.9 x 1.5 inch) |
| Conductor Size | 73.5 mm (2.9 inch) - out side. |
| Standard Accessories | Operation manual..... 1 PC. Test lead (red & black)..... 1 pair. |
| Carrying Case (Optional) | Model : CA-05A |

| ELECTRICAL SPECIFICATIONS (23 ± 5 °C) | | | | |
|--|---|------------|------------------|---|
| Function | Range | Resolution | Accuracy | Overload Protection |
| AC Watt (true power) <i>* ref. remark</i> | 20 KW | 0.01 KW | ± (3% + 8d) | Volt input : AC 600V Current input : AC 500A |
| | 100 KW | 0.1 KW | ± (3% + 5d) | |
| DC voltage | 200 V | 0.1 V | ± (0.8 % + 1 d) | DC 600 V. |
| AC voltage | 600 V | 1 V | ± (1% + 2 d) | AC 600 V. |
| OHMS | 2 k ohm | 1 ohm | ± (1 % + 1 d) | AC/DC 250 V |
| AC current | 200 A | 0.1 A | ± (2% + 10 d) | 1000 ACA (within 1 min.) |
| | 600 A | 1 A | ± (2% + 5 d) | |
| Diode | Short/non conductance, good/defect test | | | |
| Continuity Beeper | A continuity testing beeper is equipped, so when checking circuits of shorts or opens, then it is not necessary to look at the meter. The Beeper sounds will be generated if continuity is present. | | | |

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

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