

Clamp Meter

HT-7000

No need to cut the cable, it is easy to use the clamp to measure the AC/DC current. Using the test lead, you can readily measure the Voltage, Resistance, and Diode test. With data hold function, and the design complies with the IEC 1010 for operator safety.

Application

- To check the current and voltage on electrical works...
- To check the current and voltage of motor, engine and battery...
- To check the current of welding machine...
- To collect data of current and voltage in schools and laboratories...
- To measure the current and voltage of electric machinery as normal tester...



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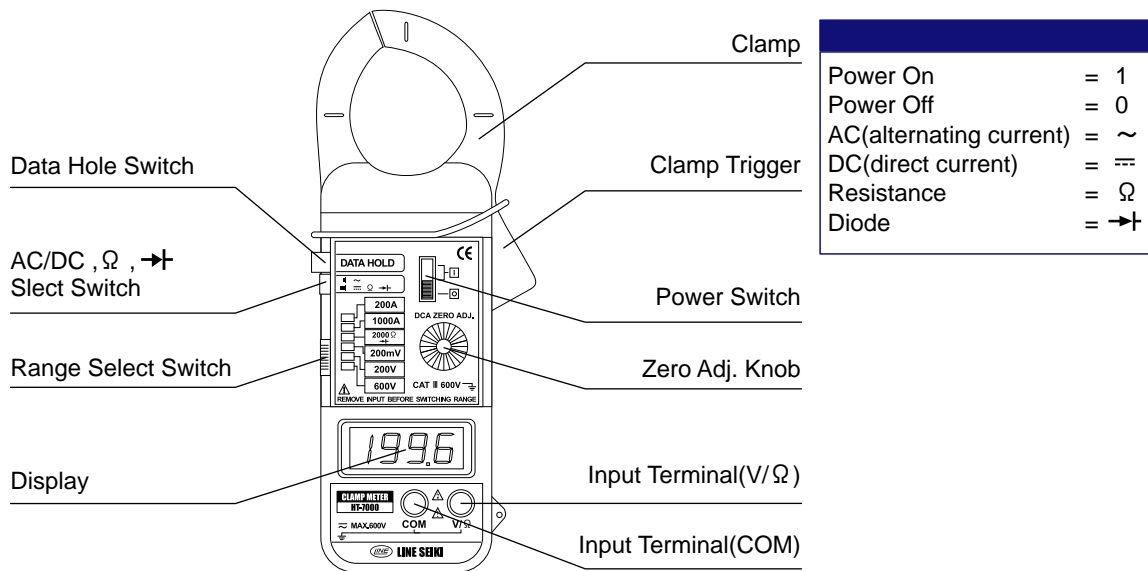
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● Functions



● Specifications

1.General Specifications

| | |
|------------------------|---|
| Display | :13mm LCD, 3 1/2 digit display |
| Measuring Functions | :DC/AC current plus voltage, resistance, diode test, data hold function |
| Polarity | :Automatic Switching, "—" indicates a negative polarity |
| Current Sensor | :Hall Effect Sensor |
| Zero Adjustment | :DCA...Manual adjustment , Other Ranges ...Automatic adjustment |
| Out of Range Indicator | :Displays "1" or "-1" |
| Sampling Time | :Approx. 0.4 sec |
| Power Supply | :006P,MN1604(PP3) or equivalent...1 pc. |
| Battery Life | :Approx. 50 hours |
| Operating Conditions | :0~50°C, less than 80%RH |
| Dimensions | :Main unit...230(H)×70(W)×36(D)mm , Clamp...34mm in diameter |
| Weight | :Approx. 400g (Battery is included) |
| Accessories | :Instruction Manual...1 pc. , Test Leads (black and red)...1set., Battery...1 pc. |

2.Efficiency

| Function | Range | Resolution | Accuracy | Overload Protection |
|---|---|------------|-------------|---------------------|
| DC Voltage | 200mV | 0.1mV | ±(1%+1d) | ⚠ AC/DC 400V |
| | 200V | 0.1V | | ⚠ AC/DC 600V |
| | 600V | 1V | | |
| AC Voltage | 200V | 0.1V | ±(1%+2d) | ⚠ AC/DC 600V |
| | 600V | 1V | | |
| Resistance | 2K Ω | 1 Ω | ±(1%+1d) | ⚠ AC/DC 400V |
| AC/DC Current | 200A | 0.1A | ±(1.5%+15d) | ⚠ AC/DC 1000A |
| | 1000A | 1A | ±(2%+5d) | |
| Diode Test | Short/non conductive, good/defective test | | | |
| ※ Test Conditions • Input impedance for ACV/DCV is 10M Ω. • ACA/ACV frequency response is from 40 to 400hz. • ACA/ACV specifications are tested at sine wave 50/60hz. • Tested at 23±5°C. • Specifications are tested under the following environment : electromagnetic field strength of below 3V/m and frequency less than 300Mhz. | | | | |