

SYMBOLS



See instruction manual for further precautionary information.



Danger, high voltage terminal; up to 1000 V may be present if connected to high voltage.

COM

Common input terminal.

Ω

Ohms.



Continuity buzzer.

1000 V DC
750 V AC
500 V DC/AC

Maximum input rating of terminal with respect to COM input terminal.

ANNUNCIATORS

AC A

AC Amperes.

AC V

AC Voltage.

V

DC Voltage, DC symbol is not shown.

K Ω

Continuity and ohms.

-

Negative polarity.

Positive polarity, no symbol shown.

OL

Overrange.



Low Battery.

ACCESSORIES SUPPLIED

- Battery
- Test Leads
- Carrying Case
- Wrist Strap
- Instruction Manual

OPTIONAL ACCESSORIES

- Replacement Test Leads
Model TL-1
- Deluxe Test Leads
Model TL-2
- Accessory Tips (for TL-2)
Model TL-3



BK PRECISION®

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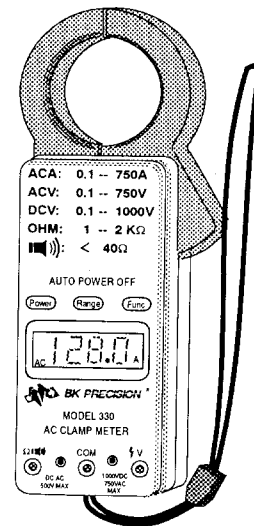
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INSTRUCTION MANUAL



AC CLAMP METER MODEL 330



- Measures current without the need to disconnect any wires.
- Digital display.
- Bright high contrast, easy to read LCD display.
- Indicator LEDs show which input jack to use.
- Simple push button operation.
- Measures AC current to 750 amps.
- Measures AC voltage to 750 volts.
- Measures DC voltage to 1000 volts.
- Measures resistance to 2000 ohms.
- Buzzer sounds to indicate continuity (under 40 ohms).
- Resolution of 0.1 amp, 0.1 volt and 1 ohm.
- Basic accuracy of 1%.
- Auto power off conserves battery life. Automatically turns off after 20 minutes operation.
- Large jaw opening (1.6 inch).

ELECTRICAL

Accuracy at 23 °C, ±5 °C ... Less than 75% rel. humidity.

AC Current (Using Clamp):

| Range | Resolution | Accuracy at 50/60 Hz |
|-------|------------|------------------------------|
| 200 A | 0.1 A | ±(1.0% of reading +5 digits) |
| 750 A | 1 A | ±(1.0% of reading +5 digits) |

AC Voltage (Using Test Leads):

| Range | Resolution | Accuracy at 40-500 Hz |
|-------|------------|------------------------------|
| 200 V | 0.1 V | ±(1.5% of reading +5 digits) |
| 750 V | 1 V | |

Overvoltage Protection: 850 V AC for 30 seconds.

Input Impedance: 10 MΩ < 100 pF

DC Voltage (Using Test Leads):

| Range | Resolution | Accuracy |
|--------|------------|------------------------------|
| 200 V | 0.1 V | ±(1.0% of reading +3 digits) |
| 1000 V | 1 V | |

Overvoltage Protection: 1100 V DC for 30 seconds

850 V AC for 30 seconds.

Input Impedance: 10 MΩ.

Resistance (Using Test Leads):

| Range | Resolution | Accuracy |
|-------|------------|------------------------------|
| 2 kΩ | 1Ω | ±(1.0% of reading +3 digits) |

Overvoltage Protection: 500 V DC/AC.

Continuity:

Built-in buzzer sounds when resistance is less than 40 ohms.

Temperature Coefficient:

0.2 (x specified accuracy)/°C <18 °C or >28 °C.

GENERAL

Jaw Opening: 1.6 inch (41 mm).

Mode Indication: LEDs indicate mode and show which set of test jacks to use.

Display: 3-1/2 digit liquid crystal display (LCD) w/maximum reading of 1999.

Annunciators: AC, A, V, kΩ, OL and low battery.

Overrange Indication: "OL" is displayed.

Measuring Rate: 3 measurements/second, nominal.

Zero Adjustment: Automatic.

Low Battery Indication: Battery symbol is displayed.

Drop Resistance: 4 feet.

Operating Temp.: 0 °C to +40 °C, 0-75% rel. humidity.

Storage Temperature: -20 °C to +60 °C, 0-80% rel. humidity w/battery removed.

Power: Single, standard 9 V battery (NEDA 1604).

Battery Life: Alkaline, 200 hours typical.

Auto Power Off: Automatically shuts meter off after about 20 min. operation.

Dimensions, HxWxD: 7-1/2" x 3-1/4" x 1" (190 x 83 x 25 mm).

Weight: 8 oz. (225 g).

Accessories Supplied: Battery.

Pair test leads (1 red, 1 black).

Instruction folder.

Carrying case.

MAXTEC INTERNATIONAL CORPORATION warrants to the original purchaser that its **BK Precision** product, and the component parts thereof, will be free from defects in workmanship and materials for a period of one year from the date of purchase.

MAXTEC will, without charge, repair or replace, at its option, defective product or component parts upon delivery to an authorized **BK Precision** service contractor or to the factory service department, accompanied by proof of the purchase date in the form of a sales receipt.

To obtain warranty coverage in the U.S.A., this product must be registered by completing and mailing the enclosed warranty registration card to MAXTEC **BK Precision**, 6470 West Cortland Street, Chicago, Illinois 60635 within (15) days from the date of purchase.

Exclusions: This warranty does not apply in the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs. It is void if the serial number is altered, defaced or removed.

MAXTEC shall not be liable for any consequential damages, including without limitation damages resulting from loss of use. Some states do not allow limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific rights and you may have other rights which vary from state-to-state.

For your convenience, we suggest you contact your **BK Precision** distributor, who may be authorized to make repairs or can refer you to the nearest service contractor.

If warranty cannot be obtained locally, please send the unit to **BK Precision** Service Department, 6470 West Cortland Street, Chicago, Illinois 60635, properly packaged to avoid damage in shipment.

BK Precision Test Instruments only warrants products sold in the U.S.A and its overseas territories. In other countries, each distributor warrants the **BK Precision** products which it sells.