

### SPECIAL FEATURES :

- Automatic Zero adjustment.
- Auto polarity display
- Overrange indication
- Diode & Continuity Test
- Transistor hFE Test.
- Low battery indication

### GENERAL SPECIFICATIONS :

- \* Sensing : Average Sensing.
- \* Basic Accuracy :  $\pm(0.8\%rdg + 1dgt)$
- \* Display : 3½ digit Max. 1999 Counts liquid crystal LCD display
- \* Display Size : 13.5 mm
- \* Polarity : Automatic, positive implied, (-) negative polarity indication
- \* Measurement Rate : 2.5 measurements / sec.
- \* Low battery : The "⚡" sign is displayed when the battery voltage drops below the operating level.
- \* Over range Indication : '1' or "-1" is displayed.
- \* Operating Temperature : 0°C to 50°C; < 70%R.H.
- \* Storage Temperature : -20°C to 60°C; 0 to < 80%R.H. (With Battery Removed)
- \* Power : Single, Standard 9V battery.
- \* Dimension : 151(H) x 70(W) x 38(D)
- \* Weight : Approx. 200g (including battery)

### ACCESSORIES :

Test Leads, Carrying Case, User's Manual, Battery & Protective Holster.

### OPTIONAL ACCESSORIES:

Current Clamp CA 300, Current Clamp Adaptor CA500, CA1000, CA2000, High Voltage Probe PD-28.

### ELECTRICAL SPECIFICATIONS- 702

Accuracy :  $\pm$  (% reading + digit) at 23  $\pm$  5°C less than 75% RH.

#### AC VOLTAGE (50Hz~500Hz)

Range	Resolution	Accuracy
200 mV	100 V	$\pm(1.2\%rdg + 4dpts)$
2 V	1 mV	
20 V	10 mV	
200 V	100 mV	
750 V	1 V	

Input Impedance : 10M

Overload Protection : 1000V DC or 750V AC rms

#### DC VOLTAGE

Range	Resolution	Accuracy
200 mV	100 V	$\pm(0.8\%rdg + 1dgt)$
2 V	1 mV	
20 V	10 mV	
200 V	100 mV	
1000 V	1 V	

Input Impedance : 10M

Overload Protection : 1000V DC or 750V AC rms

#### AC CURRENT (50Hz~500Hz)

Range	Resolution	Accuracy
200 A	100 nA	$\pm(1.8\%rdg + 4dpts)$
2 mA	1 A	
20 mA	10 A	
200 mA	100 A	
10 A	10 mA	

Input Protection : 0.5A/250V fuse for all other ranges, For 10A range, unfused

#### RESISTANCE

Range	Resolution	Accuracy
200	0.1	$\pm(1.0\%rdg + 3dpts)$
2 K	1	
20 K	10	
200 K	100	
2 M	1 K	
20 M	10 K	$\pm(2.0\%rdg + 3dpts)$

Input Protection : 500 V DC or AC rms

#### CAPACITANCE

Range	Resolution	Accuracy
2 nF	1 pF	$\pm(2.5\%rdg + 3dpts)$
20 nF	10 pF	
200 nF	100 pF	
2 F	1 nF	
20 F	10 nF	

Test Condition : 50mV/400Hz

#### DC CURRENT

Range	Resolution	Accuracy
200 A	100 nA	$\pm(1.5\%rdg + 2dpts)$
2 mA	1 A	
20 mA	10 A	
200 mA	100 A	
10 A	10 mA	

Input Protection : 0.5A/250V fuse for all other ranges for 10A range, unfused.

#### TRANSISTOR hFE TEST

Range	Vce	Basic DC current
0 to 1000	<3.5V DC	10 A

#### CONTINUITY TEST

Audible Sound Buzzer	Less than 30
Open Circuit Voltage : about 3V DC	

#### DIODE TEST

Test Current	Test Voltage
1 mA	3 V

All Specifications are subject to change without prior notice

