

FEATURES :

- Easy Data Acquisition (Field/Laboratory)
- DMM talks with P.C. via RS-232 interface
- Data Logger function for Field recording without P.C. can record up to 4048 data
- Digital/Analog/Graphic/Listing readout
- Direct input of V, A, Ohm, Hz, Cx & °C/°F without any further signal modification

ELECTRICAL SPECIFICATIONS: Accuracies are

± (...% of rdg + ...digits) at 23°C ± 5°C, below 80% RH.

■ DC Voltage

Range	Resolution	Accuracy	Input Impedance	Overload protection
200mV	0.1mV	0.5% + 1	10MΩ	600Vrms
2V	1mV			750Vrms
20V	10mV			
200V	100mV			
600V	1V	0.5% + 2		

■ AC Voltage (50Hz to 500Hz)

Range	Resolution	Accuracy	Input Impedance	Overload protection
200mV	0.1mV	1% + 5	10MΩ	600Vrms
2V	1mV			750Vrms
20V	10mV			
200V	100mV			
600V	1V	1.2% + 5		

■ DC Current

Range	Resolution	Accuracy	Burden Voltage	Overload protection
200μA	0.1μA	1% + 1	0.35V	0.5A/250V Fast Blow Fuse & Diode
2mA	1μA			
20mA	10μA			
200mA	100μA			
20A	10mA	1.2% + 3	0.8V	20A/380V Fast Blow Fuse 20A for 30sec. max. 10A continuity

■ AC Current (50Hz to 500Hz)

Range	Resolution	Accuracy	Burden Voltage	Overload protection
200μA	0.1μA	1.2% + 3	0.35V	0.5A/250V Fast Blow Fuse & Diode
2mA	1μA			
20mA	10μA			
200mA	100μA			
20A	10mA	1.5% + 5	0.8V	20A/380V Fast Blow Fuse 20A for 30sec. max. 10A continuity

■ Resistance (Ω)

Range	Resolution	Accuracy	Max. Open Circuit Voltage	Overload protection
200Ω	0.1Ω	0.8% + 2	3.2V	600Vrms
2KΩ	1Ω			
20KΩ	10Ω			
200KΩ	100Ω		0.5V	
2MΩ	1KΩ			
20MΩ	10KΩ			

■ Diode (→|←)

Range	Resolution	Accuracy	Max. Open Circuit Voltage	Max. Test Current	Overload protection
→ ←	1mV	2% + 2	3.2V	1.0mA	600Vrms

■ Continuity (••••)

Range	Continuity Threshold	Max. Open Circuit Voltage	Overload protection
••••	Continuity audible tone for tested resistance below 30Ω	3.2V	600Vrms

■ Frequency (Hz) (Test Range 10Hz~10MHz Auto Range)

Range	Resolution	Accuracy	Sensitivity	Overload protection
2KHz	1Hz	0.5% + 2	1.5Vrms	600Vrms
20KHz	10Hz			
200KHz	100Hz			
2MHz	1KHz		3Vrms	
10MHz	10KHz			



■ Temperature Probe used: K (CA) type sensor

Range	Resolution	Accuracy
°C	0.1/1°C	0°C ~ 200°C ± (0.5% + 1.5°C)
		-50°C ~ 0°C ± (1% + 2°C)
		200°C ~ 1300°C ± (1% + 2°C)
°F	0.1/1°F	32°F ~ 200°F ± (0.5% + 3°F)
		-58°F ~ 32°F ± (1% + 5°F)
		200°F ~ 1999°F ± (1% + 4°F)


■ Capacitance (F)

Range	Resolution	Accuracy	Test Frequency
2000pF	1pF	3% + 10	400Hz
200nF	100pF		
2μF	1nF		
20μF	10nF		

GENERAL SPECIFICATIONS :

Range Selection: All ranges are selected by a single range switch operation.

Over Range Indication: "OL" appears on the display.

Low Battery Indication: The  is displayed when the battery voltage drops below the operating voltage.

Sampling Rate: 2.5time per second except in Freq. Mode. 1time per second in Freq. Mode.

Power Requirement: 9-Volt Battery (NEDA or JIS 006p IEC6F22).

Battery Life (typical): Approx 60hour. (Alkaline Battery)

Operating Temperature and Humidity:

0°C to 40°C (32°F to 104°F) below 80% RH

Storage Temperature and Humidity:

-10°C to 60°C (14°F to 140°F) below 70% RH

Dimensions: 180(L) × 82(W) × 38(H)mm

Weight: 365g

Accessories: Test Leads, Spare fuse (0.5A/250V), Battery, Instruction Manual, software, RS-232 Cable, K type thermocouple (TP-K01), 9pin to 25 pin Gender Changer.