

FEATURES :

- 3-3/4 Digital LCD with bar-graph.
- Auto-Ranging on Volt, Ohm, Current, Frequency measurements.
- Auto-power off.
- Data Hold mode.
- MAX/MIN Hold mode.
- Zero Adjustment/Relative Reading.

ELECTRICAL SPECIFICATIONS:

■ DC Voltage(Autorange & Manual)

Range	Resolution	Accuracy	Input Impedance	Overload Protection
400mV	0.1 mV	$\pm(0.75\%rdg + 2dgts)$	$\geq 1000M\Omega$	660Vrms
4V	0.001V		$\approx 11M\Omega$	
40V	0.01V		$\approx 10M\Omega$	
400V	0.1V			
600V	1V			

■ AC Voltage(Autorange & Manual)

Range	Resolution	Accuracy	Input Impedance	Overload Protection	Frequency Response
4V	0.001V	$\pm(1.2\%rdg + 5dgt)$	$\approx 11M\Omega$	660Vrms	40~450 Hz
40V	0.01V		$\approx 10M\Omega$		
400V	0.1V				
600V	1V	$\pm(1.5\%rdg + 5dgt)$			

■ AC Current (Autorange & Manual)

Range	Resolution	Accuracy	Overload protection	Frequency Response
400A	0.1A	$\pm(2\%rdg + 10dgt)$	660Vrms	40~450 Hz
1000A	1A			

■ Frequency (Autorange only for Current)

Range	Resolution	Accuracy	Sensitivity	Overload Protection
100 Hz	0.01 Hz	$\pm(0.5\%rdg + 5dgt)$	5A	1100A
1KHz	0.1 Hz			

■ Frequency (Autorange only for Voltage)

Range	Resolution	Accuracy	Sensitivity	Overload Protection
100 Hz	0.01 Hz	$\pm(0.1\%rdg + 2dgt)$	100mV	660Vrms
1KHz	0.1 Hz			
10KHz	0.001KHz			
100KHz	0.01KHz			
800KHz	0.1KHz		1V	

■ Resistance (Ω)(Autorange & Manual)

Range	Resolution	Accuracy	Open circuit Voltage	Overload protection
400 Ω	0.1 Ω	$\pm(1\%rdg+5dgt)$	≤ 0.5 VDC	660Vrms
4K Ω	0.001K Ω			
40K Ω	0.01K Ω			
400K Ω	0.1K Ω	$\pm(1\%rdg+3dgt)$		
4M Ω	0.001M Ω			
40M Ω	0.01M Ω	$\pm(1.5\%rdg+3dgt)$		

■ Audible continuity

Range	Continuity beeper	Open Circuit Voltage	Overload Protection
$\rightarrow$		$\leq 40\Omega$	$\leq 0.5V$
			600Vrms

■ Diode test

Range	Resolution	Accuracy	Overload Protection
$\rightarrow$	0.001V	$\pm(1\%rdg + 2dgt)$	660Vrms

GENERAL SPECIFICATIONS:

- Numerical Display:** 3-3/4 digit liquid crystal display (LCD)
maximum reading 3999.
- Range Selection** :All ranges are selected by a single range switch.
- Over Range Indication** :LCD will show an "OL".



- Low Battery Indication** :The BAT is displayed when the battery voltage drops below the operating voltage.
- Sampling Rate** :20 times/sec (Barograph)
2 times/sec (Digital Display)
- Power Source** :one 006p 9V or IEC 6F22 or NEDA 1604 Battery.
- Battery Life** :300hr approx.
- Polarity** :Automatic polarity " - " display for negative input.
- Auto power off time** :Approx. 30 minutes.
- Operating Temperature and Humidity** :0 $^{\circ}$ C to 50 $^{\circ}$ C (32 $^{\circ}$ F to 122 $^{\circ}$ F) below 80%RH
- Storage Temperature and Humidity** :-10 $^{\circ}$ C to 60 $^{\circ}$ C (14 $^{\circ}$ F to 140 $^{\circ}$ F) below 70%RH
- Dimensions** :239(L) $\times$ 66(W) $\times$ 34(H)mm
- Weight** :Approx. 430g
- Accessories** :Manual, Battery, Test Leads, Carry Case