

## 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.
- PEAK Hold mode.(only ACV and ACA Range)

## ELECTRICAL SPECIFICATIONS: (23℃±5℃)

### A : General Measurement

#### ■ DC Voltage (Autorange & Manual)

Range	Resolution	Accuracy	Input Impedance	Overload Protection
400mV	0.1mV	±(0.75%rdg ±2dgt)	≥1000MΩ	660Vrms
4V	0.001V		≈ 11MΩ	
40V	0.01V		≈ 10MΩ	
400V	0.1V			
600V	1V			

#### ■ DC Current (Autorange & Manual)

Range	Resolution	Accuracy	Overload Protection
400A	0.1A	±(2%rdg ± 5dgt)	1100A
1000A	1A		

#### ■ AC Voltage (Autorange & Manual)

Range	Resolution	Accuracy	Input Impedance	Overload protection	Frequency Response
4V	0.001V	±(1.2%rdg ±5dgt)	≈ 11MΩ	660Vrms	40~450 Hz
40V	0.01V		≈ 10MΩ		
400V	0.1V				
600V	1V	±(1.5%rdg±5dgt)			

#### ■ AC Current (Auto-range & Manual)

Range	Resolution	Accuracy	Overload Protection	Frequency Response
400A	0.1A	±(2%rdg±10dgt)	1100A	40~450 Hz
1000A	1A			

#### ■ Frequency (Hz) (Autorange only for current)

Range	Resolution	Accuracy	Sensitivity	Overload protection
100 Hz	0.01 Hz	±(0.5%rdg ±5dgt)	5A	1100A
1 KHz	0.1 Hz			

#### ■ Frequency (Hz) (Autorange only for voltage)

Range	Resolution	Accuracy	Sensitivity	Overload protection
100Hz	0.01Hz	±(0.1%rdg ±2dgt)	100mV	600Vrms
1KHz	0.1Hz			
10KHz	0.001KHz			
100KHz	0.01KHz			
800KHz	0.1KHz		1V	

#### ■ Resistance (Ω) (Autorange & Manual)

Range	Resolution	Accuracy	Open circuit Voltage	Overload protection
400Ω	0.1Ω	±(1%rdg±5dgt)	≤ 0.5 VDC	660Vrms
4KΩ	0.001KΩ			
40KΩ	0.01KΩ	±(1%rdg ±3dgt)		
400KΩ	0.1KΩ			
4MΩ	0.001MΩ			
40MΩ	0.01MΩ	±(1.5%rdg±3dgt)		

#### ■ Audible continuity

Range	Continuity beeper	Open Circuit Voltage	Overload Protection
→ )	≤40Ω	≤0.5V	660Vrms

#### ■ Diode test

Range	Resolution	Accuracy	Overload Protection
→ )	0.001V	±(1%rdg±2dgt)	660Vrms

### B : Peak Hold Measurement

#### ■ DC Voltage (Autorange & Manual)

Range	Resolution	Accuracy	Input Impedance	Overload Protection
4V	0.001V	±(2.5%rdg ±10dgt)	≈ 11MΩ	660Vrms
40V	0.01V		≈ 10MΩ	
400V	0.1V			
600V	1V			



#### ■ AC Current (Autorange & Manual)

Range	Resolution	Accuracy	Overload Protection
400A	0.1A	±(2.5%rdg ± 10dgt)	1100A
1000A	1A		

\*Peak Detect Acquisitions Time ≤ 100ms

## 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".

### 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

: 100hr approx.

### Polarity

: Automatic polarity "—" display for negative input.

### Auto power off time

: Approx. 30 minutes

### Operating Temperature and Humidity

: 0℃ to 40℃ (32F to 104F) below 80%RH

### Storage Temperature and Humidity

: -10℃ to 60℃ (14F to 140F) below 70%RH

### Dimensions

: 239(L) × 66(W) × 34(H)mm

### Weight:

: Approx. 430g

### Jaw Opening Diameter

: ∅ 46mm

### Accessories

: Battery, Manual, Test Leads, Carry case