



**Finest 115** provides the combination of true-RMS and average sensing measurement, rugged construction, easy & single-hand operation and reliable performance indispensable to troubleshoot various general electrical problems.

### Features

- Rugged, easy & single-handed operational, and reliable
- Protective hand guard to prevent an accidental contact with conductor
- Frequency measurement capability
- True-RMS Clamp Meter
- Surge (Transient) Voltage protection
- Peak hold
- DCA Zero adjustment thumbwheel
- Low-Battery annunciator
- Maximum conductor size 1.5"
- Diode test
- One Year Warranty

### Technical Specifications

#### General Information

<b>Display</b>	: 3 3/4 digits LCD with max. reading of 4000.
<b>Polarity</b>	: Automatic, (-) negative polarity indication.
<b>Zero adjustment</b>	: Automatic.
<b>Over range indication</b>	: "OL" is displayed.
<b>Operating Temperature</b>	: 0°C to 45°C
<b>Operating Humidity</b>	: <80% RH
<b>Storage Temperature</b>	: -20°C to 60°C
<b>Max Jaw Opening</b>	: 32mm (1.25")
<b>Power</b>	: Single standard 9 volt battery
<b>Dimension</b>	: 85 (W) x 208 (H) x 34 (D) mm.
<b>Weight</b>	: Approx. 380 gms.

### Electrical Specification

Accuracy is given as  $\pm$  ([% of reading] + [number of digits]) at 18°C to 28°C with relative humidity up to 80%, for a period of one year after calibration. AC conversions of this Meter are average responding calibrated to the RMS value of a sine wave input.

### DC Current Measurement

Range	Resolution	Accuracy	Overload Protection
1000A	1A	$\pm(1.5\% \text{ Read.} + 10\text{dgt})$	1000A Continuous
400A	0.1A	$\pm(1.5\% \text{ Read.} + 5\text{dgt})$	

### AC Current Measurement\*

Range	Resolution	Accuracy	Overload Protection
1000A	1A	$\pm(2.5\% \text{ Read.} + 10\text{dgt})$	1000A Continuous
400A	0.1A	$\pm(2.0\% \text{ Read.} + 5\text{dgt})$	

\*Crest Factor: 0-400A  $\leq$  3  
400 -1000A  $\leq$  2

### DC Voltage Measurement

Range	Resolution	Accuracy	Overload Protection
600V	1V	$\pm(0.8\% \text{ Read.} + 3\text{dgt})$	600V RMS
400V	0.1V	$\pm(0.5\% \text{ Read.} + 2\text{dgt})$	

### AC Voltage Measurement

Range	Resolution	Accuracy	Overload Protection
600V	1V	$\pm(1.2\% \text{ Read.} + 5\text{dgt})$	600V RMS
400V	0.1V	$\pm(1.0\% \text{ Read.} + 3\text{dgt})$	

### Ohms Measurement

Range	Resolution	Accuracy	Overload Protection
4000	0.10	$\pm(0.8\% \text{ Read.} + 5\text{dgt})$	600V

### Continuity Test

Open Circuit Test Voltage $<$ 1.2V
Buzzer $\leq$ 400

### Frequency

Range	Resolution	Accuracy	Overload Protection
4MHz	1kHz	$\pm(1.0\% \text{ Read.} + 5\text{dgt})$	600V
400KHz	100Hz	$\pm(0.5\% \text{ Read.} + 3\text{dgt})$	
40KHz	10Hz		
4KHz	1Hz		

### Diode

Max Test Current	Open Circuit Test Voltage	Overload Protection
$<$ 1.0mA	3.0V	600V

**Included Accessories:** Battery 9V, Test Lead Set, Alligator Clips, Carrying Case