

## GENERAL FEATURE

<b>Front Panel Controls</b>	Range-Function Switch, Ohms Adjust, TR checker
<b>Movement</b>	Jewelled-pivots-90° arc, 40uA F.S.
<b>Dial Arcs</b>	One arc for ohms. One arc for DC, One arc for AC, One arc for DB, Two arcs for TR leakage current measurement ( $V_F$ Scale) and diode/LED quality measurement ( $I_{FIR}$ scale)
<b>Scale Length</b>	89 mm (3½ Inches)
<b>Lead Reversal</b>	Polarity Reverse Switch; on DC and ohms ranges
<b>Operating</b>	Horizontal or vertical; rubber feet
<b>Position</b>	Prevent slipping on moderate slopes
<b>OFF position</b>	The instrument is provided with "OFF" position where the range switch should be set when not in use or during transit the meter should be damped to prevent damage to the movement
<b>Battery</b>	2 x 1.5V AA pencil and 9V battery
<b>Movement &amp; Indicator protection</b>	Silicon double diode across movement terminals & fuse (2A 250V)
<b>Test Leads</b>	The Test Leads supplied with the equipment give added safety to the user since the jacks are shrouded thus avoiding dangerous connections to eventual high voltages. The prods supplied have guard rings to keep fingers away from the naked end
<b>Operating Temperature</b>	25°C (75°F) for rated accuracy; less than 4% additional error over the Range of + 25°F to + 130°F (-4 ~ 50°C)
<b>Size</b>	4" x 9" x 1-3/4" 192mm x 150mm x 45mm
<b>Weight</b>	Approximately 370g (13 ounces) complete.



## SPECIFICATIONS

### DC VOLTS

<b>Range</b>	2.5, 10, 50, 250, 1000V
<b>Sensitivity</b>	20,000 ohms per volt
<b>Rated Accuracy</b>	within ± 3% DC of full scale on all ranges

### AC VOLTS

<b>Ranges</b>	10, 50 250, 1000V
<b>Sensitivity</b>	8,000 ohms per volt
<b>Indication</b>	Full wave average responding calibrated in RMS for sinusoidal Waveforms
<b>Frequency</b>	Rated accuracy to 50,000 Hz
<b>Rated Accuracy</b>	within ± 4% AC of full scale on all ranges

### DC CURRENT

<b>Ranges</b>	2.5, 25, 250mA, 10A 10A on separate Jack;
<b>Potential Drop</b>	0.25V on all ranges
<b>Rated Accuracy</b>	Within ± 3% full scale, all ranges

### RESISTANCE

<b>Range</b>	R x 1 0-2000 ohm (20 ohm center)
	R x 10 0-20,000 ohm (200 ohm center)
	R x 1K 0-2M ohm (20K ohm center)
	R x 10K 0-20 Mohm (200K ohm center)

<b>Accuracy</b>	± 3° arc
	Max. Voltage or Current Delivered
	R x 1, 150mA short circuit, 3V open circuit
	R x 10, 15 mA short circuit 3V open circuit
	R x 1K, 150µA short circuit, 3V open circuit
	R x 10K, 60µA short circuit, 12V open circuit

<b>DB Ranges</b>	-10 DB to + 22DB ON 10V AC range
	+ 4 DB to + 36DB ON 50V AC range
	+ 18DB to + 50DB ON 250V AC range
	+ 30DB to + 62DB on 1000V AC range
	Zero DB referenced to 1 milliwatt at 600 ohms

\*Technical Specifications & Appearance are subject to change without prior notice