



A SIGN OF QUALITY PRODUCT

VACUUM TUBE VOLTMETER (VTVM)  
OMEGA TYPE VTV-10



**OMEGA TYPE VTV-10** is an instrument designed for high reliability, stability and maximum usefulness. It features precision components for high accuracy and uses a large 4½" X 2¼" rectangular meter with clear scales. It has seven ranges each for D.C. Volts, A.C. Volts and Ohms. Due to high input impedance, the circuit loading is practically nil. The excellent frequency response permits measurements from 15 Hz to 5 MHz on the A.C. ranges. The positive or negative reversal feature provided with the help of a band switch is convenient for checking transistor, A.V.C., oscillator grid voltage etc., The Vacuum Tube Voltmeter is housed in a metal cabinet with enamel finish and processed silver grey front panel.

#### SPECIFICATIONS

- |    |  |   |   |
|----|--|---|---|
| 01 | D.C. VOLTAGE (DCV)                                     | : | 0-1500 Volts DC covered in 7 ranges with full scale deflections of 1.5, 5, 15, 50, 150, 500 & 1500 Volts.       |
| 02 | A.C. VOLTAGE (ACV)                                     | : | 0-1500 Volts AC covered in 7 ranges with full scale deflections of 1.5, 5, 15, 50, 150, 500 & 1500 Volts.       |
| 03 | RESISTANCE (Ohms)                                      | : | 0-1000 M.Ohms covered in 7 ranges with full scale deflections 0-1K, 10K, 100K Ohms, 1M, 10M, 100M & 1000M Ohms. |
| 04 | INPUT IMPEDANCE  | : | DCV : 11 Meg (1Meg in probe).   |
| 05 | ACCURACY   | : | DCV : ± 3% of full scale.<br>ACV : ± 5% of full scale.<br>OHMS : Within ± 3% total scale length.                |
| 06 | AF-RF RESPONSE   | : | ± 3% : 30 Hz to 500 KHz.<br>± 10% : 15 Hz to 5 MHz.   |
| 07 | SENSITIVITY OF METER USED                              | : | 200uA D.C.  |
| 08 | METER SIZE   | : | 115 mm X 55mm (4½" X 2¼")   |
| 09 | POWER REQUIREMENT                                      | : | 230V ± 10% at 50Hz, A.C. Mains  |
| 10 | POWER CONSUMPTION                                      | : | Approx 5 watts.   |
| 11 | Weight   | : | 5 Kg. (Approx)  |
| 12 | Dimension  | : | W 290 x H 160 x D 230   |
| 13 | Strongly supported by detailed Operating Instructions. |   |   |

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

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