

**OMEGA TYPE OM-135** is a thoughtfully and carefully designed instrument to indicate directly the Audio Frequency Power that a source delivers into any desired load. It is an ideal instrument for determining the output characteristics and internal impedance of lines, amplifiers, transformers and numerous other networks. The designed system is an adjustable load across which is connected a voltmeter reading directly in watts dissipated in the load. This low cost equipment is rigid enough to be used as a general purpose test equipment by hobbyists, laboratories & manufacturers.



#### FEATURES

01. Absorption type measurement.
02. Good impedance accuracy.
03. Highly sensitive and easy to operate.
04. Supplied in elegant metal cabinet.

#### SPECIFICATIONS

01. POWER RANGE : 10 mW, 100mW, 1W and 10W full scale in 4 decade ranges.
  02. DB SCALE : For 10W range -10dB to +10dB. For all other ranges -13dB to +7dB.
  03. IMPEDANCE RANGE : Eleven switch selected impedances viz. 3, 5, 8, 16, 50, 75, 600, 1K, 2K, 5K & 10K Ohms.
  04. IMPEDANCE ACCURACY : Within  $\pm 6\%$  at 1 KHz. At 15 KHz the error is about  $\pm 12\%$ .
  05. POWER ACCURACY : The indicated power is accurate to  $\pm 0.3$  dB of full scale reading at 1KHz . At lower impedance there may be a further error of  $\pm 0.5$  DB due to switch contact resistance.
  06. FREQUENCY CHARACTERISTICS : The over-all frequency characteristics of the power indication is flat within  $\pm 0.5$  dB to almost 10 KHz. At 15 KHz, the response falls to  $\pm 2$  dB.
  07. INPUT SUPPLY : No Supply.
  08. METER SIZE : 115 mm X 55 mm (4½ "X 2 ¼")
  09. Weight : 4 Kg. (Approx)
  10. Dimension : W 290 x H 160 x D 230
- \* 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.*

### OMEGA ELECTRONICS

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