



OMEGA TYPE OM-137 Output Power Meter is an instrument designed to measure directly the power delivered by an AF circuit such as an amplifier to a terminating load of known impedance. This instrument incorporates a fully solid state circuitry operated on 4 pen lite batteries, draws not more than 1mA current ensuring long life of batteries. Functionally, the system is selectable power, resistors in series with a specially designed audio frequency transformer terminated by the meter circuitry. The power can be directly read in 'Watts' or 'dBs' as the meter scales are calibrated in 'Watts' as well as in 'dBs' This low cost equipment is rigid enough to be used as a general purpose test equipment by hobbyists, laboratories & manufacturers.

FEATURES

- 01 Battery check facility.
- 02 Highly sensitive and easy to operate.
- 03 Supplied in elegant metal cabinet.

SPECIFICATIONS

- 01 POWER RANGES:
0.01mW-1mW, 10mW, 100mW, 1W, 10W and 100W full scale.
- 02 dB MEASUREMENT:
From -20dBm to +52dBm in 6 range of 0, +10, +20, +30, +40 and +50 dBm (0dBm = 1 mW).

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

- 03 IMPEDANCE RANGES:
Eleven switch selected impedances viz. 4, 8, 16, 25, 50, 75, 100, 150, 400, 600 and 10K Ohms.
- 04 IMPEDANCE ACCURACY:
±3% at 1KHz.
- 05 POWER ACCURACY:
For I/P ½ FSD: 6% of reading when measured at 1KHz at normal ambient temp. (15°C to 45 °C).
For I/P 1/10 of FSD to ½ FSD: 6% of reading ± 3% of FSD when measured at 1KHz at normal ambient temp. (15°C to 45 °C).
- 06 FREQUENCY CHARACTERISTICS :
Referred to 1KHz. 20 Hz to 20KHz ± 1dB.
- 07 INPUT SUPPLY :
± 3V (1.5V x 4 pencil cells).
- 08 METER SIZE :
115 mm X 55mm (4½" X 2¼") with resolution of 1 in 100
- 09 Weight : 4.700 Kg. (Approx)
- 10 Dimension : W 290 x H 160 x D 230
- 11 Strongly supported by detailed Operating Instructions.

OMEGA ELECTRONICS