



OMEGA TYPE ACV-25 A.C. Millivoltmeter measures voltage down to 100 micro volts and up to 300 volts full scale covering @ 10 Hz to 20 KHz with an accuracy of $\pm 3\%$ of full scale deflection. The instrument is fully solid state using IC's with adequately protected input and meter circuits. The input impedance of 10 Megohms on all ranges ensures that measuring errors due to meter loading are kept to a minimum. The meter is protected against application of excess voltage. A stabilised power supply enables operation on mains supply voltage $230 \pm 10\%$ at 50 Hz without deteriorating the performance. This low cost equipment is rigid enough to be used as a general purpose test equipment by hobbyists, laboratories & manufacturers.

SPECIFICATIONS

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| 01 VOLTAGE RANGE | : 0-300 volts AC covered in 11 ranges with full scale deflections of 3mV, 10mV, 30mV, 100mV, 300mV, 1V, 3V, 10V, 30V, 100V & 300 Volts. |
| 02 DECIBEL RANGE | : -50 to + 50 dBs. |
| 03 FREQUENCY RANGE | : 5 Hz to 30 KHz. |
| 04 ACCURACY | : $\pm 3\%$ F.S.D. at 10 Hz to 20 KHz. |
| 05 INPUT IMPEDANCE | : 10 Megohms shunted by 33 pf. |
| 06 CIRCUIT | : Solid State using ICs with protected input and meter circuits. |
| 07 METER SIZE | : 115 mm X 55mm (4½" X 2¼") |
| 08. POWER REQUIREMENT | : 230V $\pm 10\%$ at 50Hz, A.C. Mains |
| 09 POWER CONSUMPTION | : Approx 5 watts. |
| 10 Weight | : 3 Kg. (Approx) |
| 11 Dimension | : W 290 x H 160 x D 230 |
| 12 | 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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