



**OMEGA TYPE AO-300** Audio Frequency Oscillator uses latest technology of Integrated Circuits. It is general purpose oscillator designed primarily for laboratory and experimental purposes.

This generator is based on XR-2206 monolithic Function Generator integrated circuit. It is capable of producing high quality sine waveforms of high stability and accuracy. I.C. Regulated power supplies are provided internally for better stability of the output voltage and frequency.

The entire unit is housed in a well ventilated sturdy steel cabinet with enamel finish.

### SPECIFICATIONS

- 01 FREQUENCY RANGE : 20 Hz to 200 KHz in four ranges.
- 02 FREQUENCY ACCURACY :  $\pm 2\%$  or 2 cycles whichever is greater.
- 03 OUTPUT WAVEFORM : Sinusoidal.
- 04 OUTPUT VOLTAGE : 0-5, 10, 15 and 20 Volts rms through a four step attenuator continuously variable in each step by a fine attenuator.
- 05 SOURCE IMPEDANCE : 600 ohms  $\pm 3\%$ .
- 06 DISTORTION : Less than 0.5% up to 10 KHz and 1% for 10 KHz to 200 KHz.
- 07 POWER REQUIREMENT : 230V  $\pm 10\%$  at 50 Hz A.C. Mains
- 08 Mains ON/OFF switch, Fuse and Jewel light.
- 09 Strongly supported by detailed Operating Instructions.
- 10 Weight : 5.0 Kg. (Approx.)
- 11 Dimension : W 340 x H 160 x D 245

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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