



**OMEGA TYPE AOP-307** Audio Frequency Sine Wave Oscillator is a compact and versatile instrument. This oscillator is based on state of the art IC XR-2206. The special features of this oscillator makes it an ideal source of signal in Physics and Electronics laboratories especially for study of LCR Circuits, and also in R & D work. The entire unit is housed in a well ventilated sturdy steel cabinet with enamel finish.

#### FEATURES

- 01 10 preselected spot frequencies in 20Hz to 20KHz band.
- 02 30Hz-3KHz continuously variable.
- 03 Good frequency response.
- 04 Very low distortion.
- 05 Very low and very high impedance outputs available.

#### SPECIFICATIONS

- 01 SWITCH SELECTABLE : 10 preselected spot frequencies in 20Hz to 20KHz band.
- 02 SPOT FREQUENCIES : 20Hz, 100Hz, 1KHz, 2KHz, 5KHz, 8KHz, 10 KHz, 14KHz, 17KHz & 20KHz.
- 03 CONTINUOUSLY VARIABLE RANGE : 30Hz-300Hz. & 300Hz-3KHz.
- 04 OUTPUT LEVEL
  - 4.1 Output 1 : Max. 10V rms.
  - 4.2 Output 2 : Max. 270V rms.
- 05 FREQUENCY RESPONSE :  $\pm 3$  dB.
- 06 HARMONIC DISTORTION : within 2%.
- 07 OUTPUT POWER
  - 7.1 Output 1 : Max. 10W to a 10E load.
  - 7.2 Output 2 : Max. 7W to a 10K load.
- 08 POWER REQUIREMENT : 230V  $\pm$  10% at 50 Hz A.C. Mains.
- 09 Mains ON/OFF switch, Fuse and Jewel light.
- 10 Strongly supported by detailed Operating Instructions.
- 11 Weight : 9.0 Kg. (Approx.)
- 12 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

**Works:**  
28E & F, Malviya Industrial Area,  
Jaipur-302 017 (INDIA)  
Phone: 0141-2751559

E-mail : info@omegaelectronics.net  
: omegajaipur62@gmail.com

**Marketing Division:**  
B-28, Fateh Singh Scheme, Opp. Rajputana  
Palace Sheraton, Jaipur-302006 (INDIA)  
Phone : 091-141-2375647, 2379223

[www.omegaelectronics.net](http://www.omegaelectronics.net)