



OMEGA TYPE AO-303 Audio Frequency Generator (Sine Square) uses latest technology of Integrated circuits and glass epoxy PCB. It is general purpose oscillator designed primarily for laboratory and experimental purposes. The instrument is mains operated, covering the frequency range from 5 Hz to 50 KHz in four ranges. With a maximum output of 20 volts RMS at a source impedance of approximately 600 ohms. An integrated circuit is used for oscillations of exceptional stability and linearity, with buffered square wave output. In addition a wave shaping circuit is used to get a perfect sinusoidal output. The entire unit is housed in a well ventilated sturdy steel cabinet with enamel finish.

SPECIFICATIONS

- 01 FREQUENCY RANGE : 5 Hz to 50 KHz in four ranges.
- 02 FREQUENCY ACCURACY : $\pm 1.5\%$ or 1 cycles whichever is greater.
- 03 OUTPUT WAVEFORMS : Sinusoidal & Square.
- 04 OUTPUT VOLTAGE : 0 to 5-10-15-20 Volts RMS through a four steps attenuator continuously variable in each steps by a fine attenuator (80mV to 80V P-P).
- 05 FREQUENCY RESPONSE : Sine Wave - ± 10 dB (600 Ohm)
WITH RESPECT TO 1KHz Square Wave - $\pm 5\%$ at 1 Volt P-P.
- 06 RISE TIME FALL TIME : Square Wave - ± 5 Micro Sec.
- 07 SOURCE IMPEDANCE : 600 ohms approximately.
- 08 DISTORTION : 1.5% max.
- 09 POWER REQUIREMENT : 230V $\pm 10\%$ at 50 Hz A.C. Mains.
- 10 Mains ON/OFF switch, Fuse and Jewel light.
- 11 Strongly supported by detailed Operating Instructions.
- 12 Weight : 5 Kg. (Approx.)
- 13 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

www.omegaelectronics.net

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