

OMEGA TYPE FG-321 Function Generator has been designed specifically to provide a variety of waveforms over a wide frequency range. This versatile instrument is intended to be useful as general purpose signal source in every laboratory work. This generator is based on XR-2206 monolithic Function Generator integrated circuit. It is capable of producing high quality sine, square and triangular waveforms of high stability and accuracy.

The entire unit is housed in a well ventilated sturdy steel cabinet with enamel finish and processed silver grey front panel.



SPECIFICATIONS

- | | | |
|---------------------------------------|---|--|
| 01. FREQUENCY RANGE | : | 1Hz to 110KHz divided into 5 decade steps, continuous adjustment with linear dial. |
| 02. WAVEFORMS | : | Sine, Square, Triangular. |
| 03. SINE WAVE HARMONIC DISTORTION | : | Less than 0.5% over the entire range. |
| 04. D.C. OUT | : | 100 mV to 10 V peak to peak (For all waveforms) Impedance 50 ohms \pm 3% Short/Open circuit protected. DC offset level is adjustable from -5V to +5V output with OFFSET control. |
| 05. A.C. OUT | : | 10 mV to 1V peak to peak (For all waveforms) Impedance 600 ohms \pm 3% Short/open circuit protected. |
| 06. SYNC. OUT | : | Square wave 500 mV peak to peak Impedance- 1K ohm \pm 3% Short/Open circuit protected. No DC voltage component present. |
| 07. D.C. OFFSET | : | \pm 5V continuously adjustable. |
| 08. DIAL ACCURACY | : | Better than \pm 1.5% \pm 1 Hz. |
| 09. RISE AND FALL TIME | : | Better than 100 ns. |
| 10. POWER REQUIREMENT | : | 230 V \pm 10% at 50 Hz A.C. Mains. |
| 11. Weight : 4 Kg. (Approx) | | |
| 12. Dimension : W 290 x H 160 x D 230 | | |
- * Mains ON/OFF switch, Fuse and Jewel light.
* 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

India Sales

B-28, Fateh Singh Scheme , Opp. Rajputana
Palace Sheraton, Jaipur-302006, INDIA
Ph: +141-2375647 / 2379223
Fax: +91-141-2204481

Email: omega@sancharnet.in;
info@omegaelectronics.net
Web: www.omegaelectronics.net

Mfg./ Export/ Training

28 E & F, Malviya Industrial Area,
Jaipur-302017, INDIA
Ph: +91-141-2751136 / Fax: +91-141-2751559