



**OMEGA TYPE FG-319** Function Generator uses latest technology of Integrated Circuits. It is general purpose oscillator designed primarily for laboratory and experimental purposes.

This generator is based on XR-8038 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 : 0.2 Hz to 200 KHz divided into 6 decade steps, continuous adjustment with linear dial.
- 02 FREQUENCY ACCURACY :  $\pm 2\%$  or 2 cycles whichever is greater.
- 03 OUTPUT WAVEFORM : Sine, Square, Triangular.
- 04 OUTPUT : 0.2V, 2V, 20V peak to peak through three step altinator continuously variable in each step by a fine control
- 05 SOURCE IMPEDANCE : 50 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 : 2.0 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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