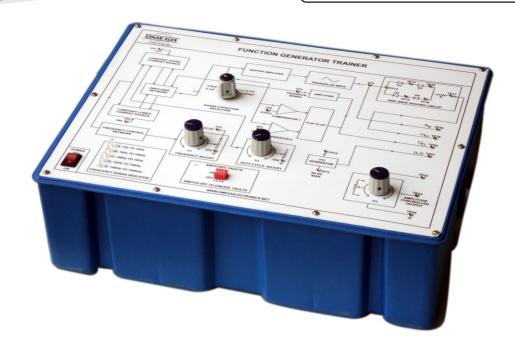


FUNCTION GENERATOR TRAINER

OMEGA TYPE ETB-261



OMEGA TYPE ETB-261 The function generator is a versatile training kit for an electrical and electronics Laboratory. It is designed to explain the basic fundamentals of signal generation. A function generator is a device that can produce various patterns of voltage at a variety of frequencies and amplitudes. This function generator trainer allows students to produce the different waveforms and to understand the concept of their generation.

FEATURES:

- 01 A low cost Trainer demonstrating all basic concepts of Function Generator.
- 02 Exclusive presentation and Easy illustration of each block.
- 03 Designed with considering all safety standards.
- 04 Variable Duty Cycle.
- Fault identification feature enabled. 05
- 06 LED based Frequence Range indicator.

OBJECTS:

- Study of Different function and operating voltages of Function Generator.
- Study of Triangular Wave Generation. 02
- Study of sinusoidal wave Generation. 03
- Study of Square wave Generation.

- 05 Study of Duty cycle of Square wave.
- 06 Study of TTL waveform Generation.
- 07 Study of switched faults create and identify different Faults in the circuit and study the troubleshooting methods.

TECHNICAL SPECIFICATIONS:

Frequencies Ranges : Selectable

2.1 1Hz to 10Hz

2.2 10Hz to 100Hz

2.3 100Hz to 1KHz

2.4 1KHz to 10KHz

2.5 10KHz to 100KHz

02 Sine wave Generation : By wave Square wave Generator : shaping Triangular wave Generator: Circuit.

03 Duty Cycle : On Board

Adjustment.

04 Switched Faults : 4 Nos. 05 Fuse : 350mA.

06 Power Supply : 230V <u>+</u> 10%, 50Hz. 07 Weight : 3.800 Kg Approx.

Dimension (mm) : W415xH165xD315. 80

LIST OF ACCESSORIES:

01 Patch cord 2mm length 50cm. Red......03

02 Patch cord 2mm length 50cm. Black.....03

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS