Order Code 16960 - Pulse Generator is a reliable, general purpose pulse generator. The circuit is based on high performance integrated circuits. The main useful feature of this pulse generator is its independent control over both pulse-width and pulse-frequency. It is capable of generating pulse-waveforms over a wide frequency range. It will prove to be useful for general fault finding, circuit design and study of electronic circuits and systems.

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

SPECIFICATIONS

01.   **Pulse Frequency Range** : 0.1 Hz to 100 KHz divided into six decades as under

0.1 Hz	—	1 Hz
1 Hz	—	10 Hz
10 Hz	—	100 Hz
100 Hz	—	1 KHz
1KHz	—	10 KHz
10 KHz	—	100 KHz

02.   **Pulse Width Ranges** : 100 nano Sec to 1 Sec divided into seven decades as under:

100 ns	—	1 µs
1 µs	—	10µs
10 µs	—	100 µs
100 µs	—	1 ms
1 ms	—	10 ms
10 ms	—	100 ms
100 ms	—	1 s

*   All ranges overlap by approx. 15% of the max. nominal range value at either end. This ensures total coverage and ease of use.

03.   Variable Output : Level = 0-10V P-P Variable Pulse Width=100 ns to 1s as per the above ranges.

04.   Fixed Normal/inverted Outputs

(a)   Output Impedance   :   70 Ohm (HIGH LEVEL), 12 Ohm (LOW Level).

(b)   Compatibility   :   TTL Logic Compatible.

(c)   Driving Capacity   :   Max. 10 TTL loads.

(d)   Rise & Fall Time   :   Better than 10 ns unloaded.

05.   Power Requirement   :   230V ± 10% at 50 Hz A.C. Mains.

06.   Weight   :   4 Kg. (Approx)

07.   Dimension   :   W 290 x H 160 x D 230

*   Mains ON/OFF switch, Fuse and Jewel light**.**

*   Strongly supported by detailed Operating Instructions.

Note: Specifications are subject to change.