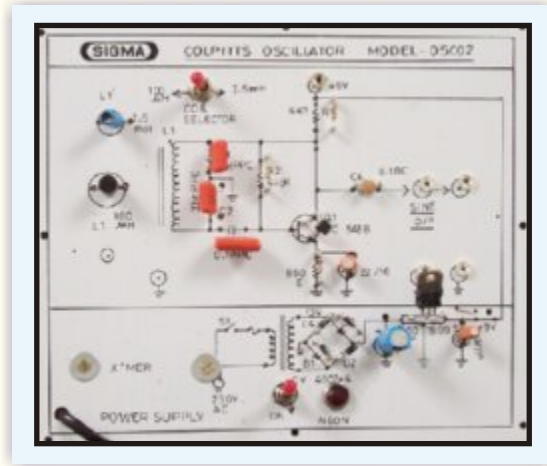




# COLPITT'S OSCILLATOR

## MODEL OSC02

This board has been designed with a view to provide practical and experimental knowledge of Colpitt's oscillator on SINGLE PCB.



### FEATURES

1. All components are soldered on hollow tags of 0.25" diameter height of 0.4" on the front side of PCB
2. The complete circuit diagram is screen printed on component side of the PCB with circuit and parts at the same place.
3. The true value of component is printed on component side.
4. The PCB with components on front side is fitted in elegant wooden box having lock and key arrangement
5. The acrylic cover is fitted on PCB to safeguard parts. It has holes for alignment and repair.
6. The testing points are provided with 1.25" tags to connect CRO probe
7. All Trainers are operated on 230V AC mains and must be self-contained unit.

### SPECIFICATIONS

1. Built-in Power supply : -92V DC at 50mA IC Regulated & short circuit protected
2. Power requirement : 230V, 50Hz AC.
3. Standard Accessories :
  1. A manual having practical details.
  2. Patch Cords.
4. Experiments: -
  1. To demonstrate the operation of Colpitt's Oscillator
  2. To observe the waveforms at different points.
  3. To measure free running frequency.
  4. To vary free running frequencies by varying L-C.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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