



55729 Experimental Set Up has been designed specifically to study variation of power factor with frequency of a given coil using CRO. The set up is absolutely self contained and requires no other apparatus except a CRO. Practical experience on this set up carries great educative value for Science and Engineering Students.

OBJECT

- 01 Study of variation of power factor with frequency of a given coil using CRO.

FEATURES

The Set up consists of the following :

- 01 Audio Frequency Generator.
- 02 Coil (fixed inductor)-air core 100 mH.
- 03 Decade Resistance Box, One dial in steps of 100ohms, total 1000 ohms.
- 04 Weight : 6.9 Kg. (Approx.)
- 05 The unit is operative on 230V \pm 10% at 50Hz A.C. Mains.
- 06 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length $\frac{1}{2}$ metre.
- 07 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

OTHER APPARATUS REQUIRED:

- 01 Dual trace CRO

Note: Specifications are subject to change.

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