

**STUDY OF VARIATION OF POWER
FACT OR WITH FREQUENCY OF
A GIVEN COIL USING CRO
OMEGA TYPE ES-229**



OMEGA TYPE ES-229 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 OMEGA TYPE AO-300.
- 02 Coil (fixed inductor)-air core 100 mH, OMEGA TYPE 501-L.
- 03 Decade Resistance Box, One dial in steps of 100ohms, total 1000 ohms OMEGA TYPE DRBC-115R.
- 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 20MHz OMEGA TYPE CRO-20

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

OMEGA ELECTRONICS