

**STUDY OF THE VARIATION OF MAGNETIC FIELD AT THE CENTRE OF CIRCULAR COILS WHEN TURNS REMAIN SAME AND RADII VARY**  
OMEGA TYPE ES-356



**OMEGA TYPE ES-356** Experimental Set-up has been designed specifically to study the variation of magnetic field at the center of circular coils when turns remain same and radii vary. The set-up consists of an apparatus for variation of magnetic field at the center of circular coils when turns remain same and radii vary, Battery Eliminator, Ammeter, Reversing key, Spirit level etc.

The set-up is complete in all respect and requires no other apparatus. Practical experience on this set up carries great educative value for Science and Engineering Students.

## OBJECT

01 To study the variation of magnetic field at the center of circular coils when turns remain same and radii vary.

## FEATURES

The Set up consists of the following :

- 01 An apparatus for variation of magnetic field at the center of circular coils when turns remain same and radii vary, fitted with compass box, Compass box is pye type with bakelite case, metal dial, anti parallax mirror and with aluminum pointer fitted with jewel. OMEGATYPE TG-191
- 02 Battery Eliminator : 0-5V D.C. at 3A continuously variable regulated and short circuit protected OMEGATYPE BE-5/3
- 03 D.C. Ammeter : 65mm round dial, mounted on bakelite stand, to read 0-3A OMEGATYPE MO-65.
- 04 Reversing Key.
- 05 Spirit level.
- 06 Adequate no. of connecting wires, 100cm long.
- 07 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

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

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