Order Code - 55892
To Study The Variation of Magnetic Field By A Current Carrying Circular Coil Along Axis of Circular Coil.

55892Experimental Set-up has been designed specifically to study the variation of magnetic field by a current carrying circular along axis of circular coil Draw necessary graph for it and find the radius of the coil

The set-up consists of an apparatus for variation of magnetic field by a current carrying circular coils complete setup box power supply, S & G Tangent Galvanometer along with compass box 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 Engineeringl Students.

OBJECT

01 To study the variation of magnetic field by a current carrying circular coil along axis of circular coil. Draw necessary graph for it and find the radius of the coil.

FEATURES

01 The Set up consists of the following :
- 1.1 DC Variable Power Supply 0-5V at 200mA with Coarse & Fine control
- 1.2 Digital Ammeter range 0-200mA
- 1.3 Reversing swi c ac s as commutator

02 An apparatus for variation of magnetic field at center of coils when radius remains constant and turns vary. The number of turns are 5 & 50 fitted with compass box. Compass box is Pye Type with bakelite case, metal dial, anti parallex mirror and with aluminum pointer fitted with jewel. Stewart & Gee Tangent Galvanometer

03 Spirit level.

04 Adequate no. of connecting wires, 100cm long 2 No.

05 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

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