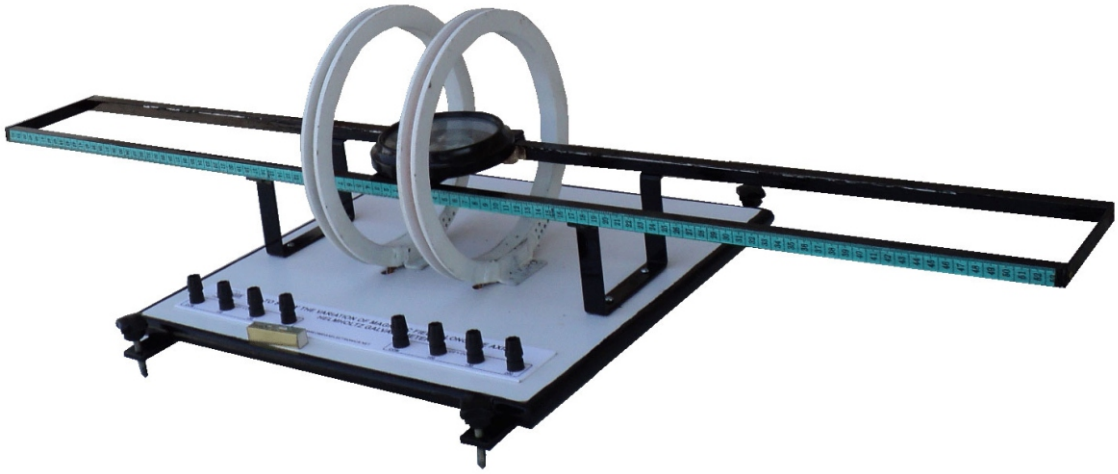
OMEGA®

A SIGN OF QUALITY PRODUCT

TO STUDY THE VARIATION OF MAGNETIC FIELD ALONG THE AXIS OF HELMHOLTZ GALVANOMETER

OMEGA TYPE ES-399



OMEGA TYPE ES-399 Experimental Set-up has been designed specifically to study the variation of magnetic field along the axis of helmholtz galvanometer

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

To study the variation of magnetic field along the axis of two current carrying circular Helmholtz 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 switch acts as commutator
1.4 Mains ON/OFF switch, Fuse and Jewel light.
1.5 The unit is operative on 230VAC ±10% at 50Hz.

02 An apparatus for variation of magnetic field at center of both coils when radius remains constant and turns vary. The number of turns is 100,150 & 200 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 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Procedures, Report Suggestions and Book References.

LIST OF ACCESSORIES :

01 Patch cord 4mm-multipin 100cm. Red.... 02
02 Patch cord 4mm-multipin 100cm. Black...01

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