



OMEGA TYPE ES-305 Experimental Set-Up has been designed specifically to determine the Horizontal Component of Earth's Magnetic Field B_H and the Magnetic Moment M of the Magnet bar using Deflection and a Vibration Magnetometers.

Practical experience on this set up carries great educative value for Science and Engineering Students.

OBJECT

Determination of the Horizontal Component of Earth's Magnetic Field B_H and the Magnetic Moment M of the Magnet bar using Deflection and a Vibration Magnetometers.

FEATURES

The complete Experimental Set-up consists of the followings :

01 DEFLECTION MAGNETOMETER

02 VIBRATION MAGNETOMETER

03 DIGITAL STOP CLOCK : With START/STOP operation by means of toggle switch & RESET by a push button switch. OMEGA TYPE DSC-602 It has a range of 999.9 seconds with resolution of 0.1 seconds and accuracy of $\pm 0.01\%$ (Quartz controlled). Display is thorough 4 no's of 12.5mm bright Seven Segment Displays and working voltage of the unit is 230V AC $\pm 10\%$ AT 50Hz.

04 VERNIER CALLIPER

05 Weight : 5 Kg. (Approx.)

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

OTHER APPARATUS REQUIRED

01 Physical balance with weight box.

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

OMEGA ELECTRONICS