



55805 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 DIGITALSTOP CLOCK :
With START/STOP operation by means of toggle switch & RESET by a push button switch. It has a range of 999.9 Seconds with resolution of 0.1 seconds and accuracy of $\pm 0.01\%$ (Quartz controlled). Display is through 4 no's of 12.5mm bright Seven Segment Displays and working voltage of the unit is $230V \pm 10\%$ 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.

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tesca.in