



55794 Experimental Set-Up has been designed specifically to determine the value of 'g' acceleration due to gravity at a certain place, with the help of a Bar Pendulum.

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

#### OBJECT

- 01 To determine the value of 'g' with the help of a Bar Pendulum.
- 02 To find the radius of gyration of the given pendulum for axis through its centre of mass.

#### FEATURES

The complete Experimental Set-up consists of the followings :

- 01 COMPOUND BAR PENDULUM :  
Consisting of a steel bar 100 cm long bored at equal intervals, with two removable knife edges & a wall bracket.
- 02 DIGITAL STOP 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 thorough 4 no's Of 12.5mm bright Seven Segment Displays and working voltage of the unit is  $230V \pm 10\%$  50Hz.
- 03 WOODEN SCALE EXPORT QTY. : 1 Metre
- 04 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

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