



55800 Experimental Set-Up has been designed specifically to determine acceleration due to gravity using simple pendulum & finding the length of seconds 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 acceleration due to gravity using simple pendulum & to find length of seconds pendulum.

FEATURES

The complete Experimental Set-up consists of the followings :

01 Simple pendulum :

Consisting of a steel ball suspended by a steel wire to the clamp. Has a steel knife edge and has arrangement for changing the length of the wire. Complete with 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 through 4 no's of 12.5mm bright Seven Segment Displays and working voltage of the unit is $230V \pm 10\%$ 50Hz.

03 Vernier Callipers

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.

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