OMEGA®

A SIGN OF QUALITY PRODUCT

DETERMINATION OF THE VALUE OF 'g' WITH THE HELP OF A COMPOUND BAR PENDULUM

OMEGA TYPE ES-294

OMEGA TYPE ES-294 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 Compound 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 OMEGA TYPE DSC-602 switch. It has a range of 999.9 seconds with resolution of 0.1 seconds and accuracy of ±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 ± 10% 50Hz.

03 WOODEN SCALE EXPORT QLTY :1 Metre

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

OMEGA ELECTRONICS

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