



55872 Experimental Set-Up has been designed specifically for experiments with Sonometer.

- 01 To determine the frequency of a tuning fork.
 - 02 To verify the laws of vibrating strings. and non magnetic wire. The set up consists of Tuning forks, Sonometer with Steel and Brass wires, ½ kg weights, Screw gauge etc.
- Practical experience on this set up carries great educative value for Science and Engineering Students.

OBJECT

- 01 To determine the frequency of a tuning fork with Sonometer.
- 02 Study the relationship between freq. Vs. length & length Vs. tension of wire using sonometer.

FEATURES

The complete Experimental Set-up consists of the followings :

- 01 SONOMETER : One metre long, made of soft wood and well polished. Fitted with two metre scale graduated in centimeters. It is provided with wire of two different material steel and brass, sliding knife edges and hook etc.
- 02 TUNING FORK : Set of eight, small size, made of steel, nickle plated. Frequency is marked on the tuning forks. The frequencies are 256, 288, 320, 341, 384, 420, 480 and 512.
- 03 RUBBER PAD FOR TUNING FORK
- 04 SLOTTED WEIGHTS : ½ KG SET OF 5 INCLUDING HANGER i.e. 2½ KG TOTAL.
- 05 MICROMETER SCREW GAUGE.
- 06 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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