



55951 Experimentation with Sonometer is a useful apparatus for investigating the vibration of a string or wire under tension. The equipment allows the length of the string and its tension to be varied. Sonometer can determine the Frequency of AC mains in an easy way with very precise and fine arrangement. It consists of a thin metallic (steel) wire stretched over two bridges that are usually mounted on a soundboard, also known as monochord. It is used to measure the vibration frequency, tension, density, or diameter of the wire, or to verify relations between these quantities.

Features

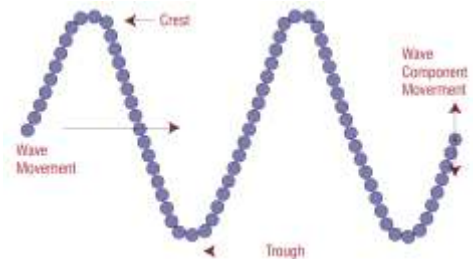
1. Sonometer provided with weights
2. Height adjustment for Electromagnet
3. Inbuilt AC Supply
4. Self-contained and easy to operate

Object

1. Study of determine Frequency of A.C. Mains using Sonometer

Technical Specifications

- Length of wire : 88cm
- Weight of wire : 0.0018kg (approximately)
- Weight (6 nos.) : 0.5kg (each)
- Power Supply : 230V ±10%, 50Hz
- AC Power Supply : 6V, 500mA



Coil :

No. of Turn	Wire Dimension (mm)	Maximum Current (Amp)	Inductance (approximate) (mH)
800	0.404	0.363	9.2

Note: Specifications are subject to change.

