

Experimentation with Sonometer Nvis 6052



Nvis 6052 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

- Sonometer provided with weights
- Height adjustment for Electromagnet
- Inbuilt AC Supply
- Self-contained and easy to operate
- nline product tutorial

Scope of Learning

• 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	Maximum	Inductance
	Dimension	Current	(approximate)
	(mm)	(Amp)	(mH)
800	0.404	0.363	9.2

Subject to change - Version 2.0

Designed & Manufactured in India by

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