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IV-E731 To Determine The Frequency Of AC Mains Using Sonometer

A Sonometer is a device for demonstrating the relationship between the frequency of the sound produced by a plucked string, and the tension, length and mass per unit length of the string. These relationships are usually called Messene's laws after Marin Messene (1588-1648), who investigated and codified them. For small amplitude vibration, the frequency is proportional to:
a. the square root of the tension of the string,
b. the reciprocal of the square root of the linear density of the string,
c. the reciprocal of the length of the string.

Scope of Learning:

- To Determine The Frequency Of Ac Mains Using Sonometer.

Scope Supply:

- Sonometer
- Step Down Transformer 2-12V AC, 2 Amps.
- Physical Weight Box Brass C.P. 500gm x5
- Electromagnet
- Stand and Clamp to Hold Electromagnet
- 4mm Patch Cords 1 mtr. 2Nos.