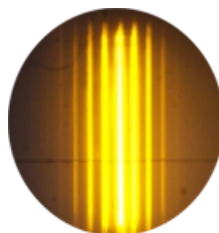
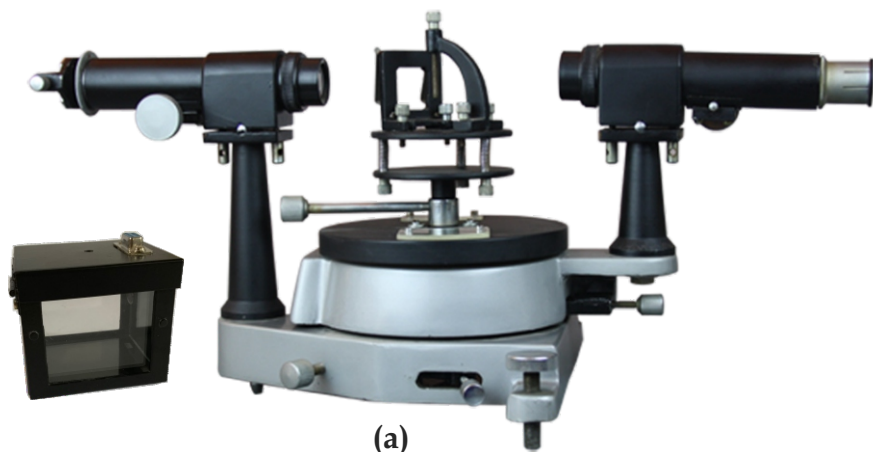


Experiment(s):

1. Determination of Velocity of Sound in Liquids

(For more details, procedure & manual visit: www.kamaljeeth.net)



Experiment Setup Consists:

- a) Spectrometer
- b) Radio Frequency (RF) Oscillator
- c) Sodium Vapour Lamp Set

Specifications:

a) Spectrometer:

Scale: 6" diameter (Brass)
Base: Cast Iron with levelling screw
All moving parts made of Brass for accuracy
Collimator with adjustable slit
Horizontal axis alignment for collimator: Yes
Horizontal axis alignment for telescope: Yes
Centre Table: Height adjustable with provision for Prism and grating holder
Telescope with user changeable cross wire and eyepiece

b) RF Generator

c) Sodium Vapour Lamp Set (Optional):

Lamp: Philips / Thorne 35W
Lamp House: Single Lamp type with fixed slit openings
Transformer: 35W, Instant ON type
Input: Mains operated 220V, 50Hz or 110V, 60Hz

Reference : Lab Experiments Journal vol-6, No.4, Page-309



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