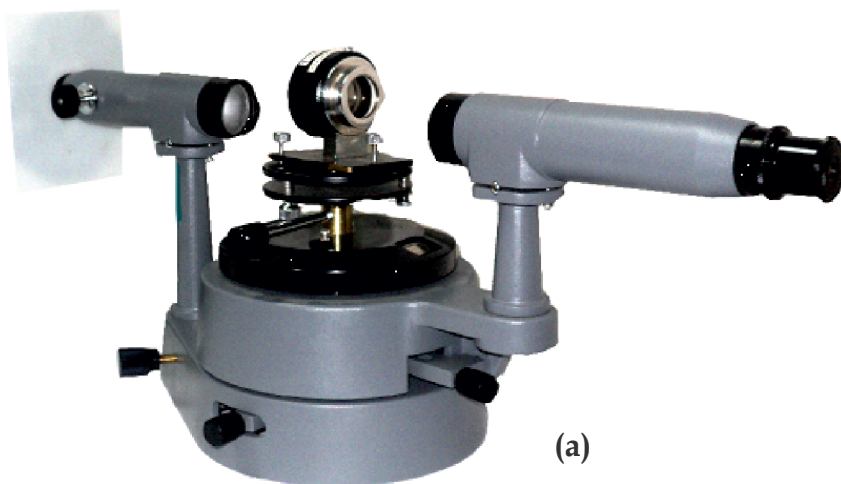


Experiment(s):

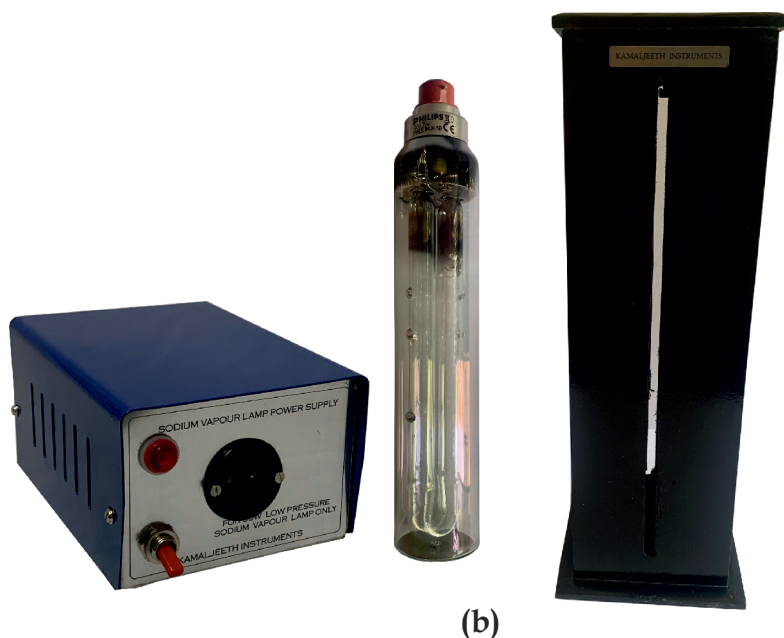
1. Measurement of Etalon parameters

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

Reference : *Lab Experiments Journal vol-4, No.4, Page-263*
Lab Experiments Journal vol-15, No.2, Page-121



(a)



(b)

Experiment setup consists:

- Fabry Perot Etalon mounted on spectrometer
- Sodium vapour lamp set

Specifications:**a) Fabry Perot Etalon mounted on 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

Etalon diameter: 30 mm

Spacing: 2 mm

Pine hole camera: Yes (removable)

b) Sodium vapour lamp set (Optional)

Lamp: Philips / Thorne 35 W

Lamp House: Single lamp type with fixed slit openings

Transformer: 35 W, Instant ON type

Rated Input: 220 V/50 Hz
 or 110 V/60 Hz



KAMALJEETH INSTRUMENTS

ESTD. 1990

Address: No. 610, 5th main, 8th cross Tatanagar, Bangalore - 560092, INDIA

Website: www.kamaljeeth.net, Email: labexperiments@kamaljeeth.net

3 years manufacturing warranty