

KPH-14**FABRY-PEROT ETALON****Experiment(s):**

1. Measurement of Etalon parameters

Experiment setup consists:

- a) Fabry Perot Etalon mounted on spectrometer
- b) 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

