

IV-E236B To Find The Dispersive Power And Resolving Power Of Diffraction Grating

Scope of Learning :

- To find the dispersive power of a given prism using Sodium Light
- To find the resolving power of grating using Mercury Light

About Spectrometer :

- A Basic measuring instrument for quantitative spectroscopy experiments, this instrument is mounted on stable cast iron base with attached collimator and a rotating telescope platform and graduated circle.
- A 2.4cm. Diameter achromatic optical system with a 10x Ramsden eyepiece & cross line graticule.
- An 8 cm. Diameter prism/grating Table, fully adjustable with prism & grating holders and engraved ring pattern. Vernier reading 1 minute.
- Supplied in a wooden case with 2" Brass spirit level.

Required Accessories :

Apparatus Supply:

- Spectrometer
- EDF Prism 32x32
- Spirit Level 2"
- Working Manual



Accessories (Light Source):

- Sodium Vapour Lamp Assembly
- Sodium Vapour Lamp 35 Watts
- Sodium Vapour Lamp Box
- Sodium Vapour lamp Transformer 35 Watts
- Mercury Vapour Lamp Assembly
- Mercury Vapour Lamp 80 Watts
- Mercury Vapour Lamp Box
- Mercury Vapour lamp Transformer 80 Watts.

