

IV-E232 To Determine Of Resolving Power Of A Diffraction Grating By Spectrometer With The Help Of Mercury Light Source

Scope of Learning :

- Determine of Resolving power of a Diffraction Grating by Spectrometer with the help of Mercury Light Source

About Spectrometer :

- A Basic measuring instrument for quantitative spectroscopy experiments, this instrument is mounted on a 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. Protected Circle 15.0 cm with S.S. Scale.
- Vernier reading 1 minute. Supplied in a wooden case with 2" Brass spirit level.

Required Accessories :

Apparatus Supply:

- Spectrometer 6"
- Resolving Power Slit
- Grating 15000 LPI
- Spirit Level 2"
- Working Manual



Accessories (Light Source):

- Mercury Vapour Lamp Assembly
- Mercury Vapour Lamp 80 Watts
- Mercury Vapour Lamp Box
- Mercury Vapour Lamp Transformer 80 Watts