

IV-E156 Laurent's Half Shade Polarimeter Setup



The following studies can be carried out with the set-up:

- Determination of the specific rotation of sugar solution using Half Shade Polarimeter
- Study of variation of angle of rotation of sugar solution with its concentration
- Study of optical rotary dispersion of sugar solution or to determine the dependence of angle of rotation of sugar solution on the wavelength of light (Optional)

Features:

- Sodium vapour lamp light source
- Adjustable height Circular scale graduated from 0° to 360°
- Polarimeter borosilicate glass tube with bubble trapper in the middle

Apparatus Supply:

- Sodium Lamp
- Sodium Transformer
- Sodium Lamp House
- Half Shade Polarimeter
- Graduate Circular Scale 0-360 Degree
- Polaroids