

**OMEGA TYPE ES-259** Experimental Set Up has been designed specifically to study the variation of the angle of rotation of the plane of polarisation with the concentration of cane sugar solution. The set-up consists of Polarimeter having 20cms. long tube, Sodium light source etc.

Practical experience on this set up carries great educative value for Science and Engineering Students.



### OBJECT

Study of the variation of the angle of rotation of the plane of polarisation with the concentration of cane sugar solution and find the specific rotation of cane sugar.

### FEATURES

The complete Experimental Set-up consists of the following :

01. Polarimeter : Fitted with imported laurent's half shade system, with stand and 20cm long polarimeter tube of borosil glass, workable on sodium light with 360° rotation.
02. Sodium Light Source : Sodium light source complete with sodium lamp 35 watts with vacuum jacket, Transformer & Wooden Box having four holes with slide covers, one each on every side at different heights.

- \* Weight : 8.5 Kg. (Approx.)
- \* Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

### OTHER APPARATUS REQUIRED

- \* 100cc beaker, funnel, pipette, physical balance and weight box and sugar etc.

*We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.*

## OMEGA ELECTRONICS

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