



OMEGA TYPE ES-277 Experimental Set-Up has been designed specifically to find the thickness of a thin foil by Wedge Arrangement. The set-up consists of Traveling Microscope, two Micro slides, Sodium Light Source etc. The set-up is complete in all respect and requires no other apparatus. Practical experience on this set-up carries great educative value for Science and Engineering Students.

OBJECT

To determine the thickness of a thin foil, plate or paper by measurement of width of interference fringes in an air wedge.

FEATURES

The complete Experimental Set-up consists of the followings items.

- 01 TRAVELING MICROSCOPE** : Bridge type body.
- 02 SODIUM LIGHT SOURCE** : Sodium light source complete with sodium lamp 35 watt with vacuum jacket, Transformer & Wooden Box having four holes with slide covers one each on every side at different heights.
- 03 MICRO SLIDES** : Two Nos.
- 04 WOODEN REFLECTOR** : It consists of two glass plates are at 45° angle and another at bottom.
- 05 LENS** : Double convex lens Dia 50mm F.L. 10cm.
- 06 WOODEN STAND** : Lens holder wooden stand V shape one No.
- 07** Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

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

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