



55777 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.

Note: Specifications are subject to change.

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