



55906 Experimental Set Up has been designed specifically for finding the refractive index of a liquid by using convex lens and plane mirror.

The setup is absolutely self-contained and requires no other apparatus.

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

Object

1. To find the refractive index of a liquid by using convex lens and plane mirror.

Features

The Experimental Set-up consists of the following:

- **Iron Stand** : Iron base 4 X 6" with 18" rod and retort clamp arrangement
- **spherometer** : 1 Nos.
- **Plane Mirror** : 100 X 70 mm
- **Plane Glass Slab** : 75 X 50 X18 mm
- **Double Convex Lens** : Diameter 50 mm Focal Length 20 cm
- **Half Meterscale Wooden** : 1 Nos.
- **Needle** : 1/4 X 4". 1 Nos.
- **Rubber Cork** : 1 Nos.
- **Dropper** : 1 Nos.
- **Glycerine** : 100 ml

Other Apparatus / Materials

- WATER : 100 ml
- Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.