



OMEGA TYPE ES-406 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

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

FEATURES

The Experimental Set-up consists of the following:

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|----------------------------------|--|
| 01 IRON STAND | : Iron base 4 X 6" with 18" rod and retort clamp arrangement |
| 02 SPHEROMETER | : 1 Nos. |
| 03 PLANE MIRROR | : 100 X 70 mm |
| 04 PLANE GLASS SLAB | : 75 X 50 X 18 mm |
| 05 DOUBLE CONVEX LENS | : Diameter 50 mm Focal Length 20 cm |
| 06 HALF METERSCALE WOODEN | : 1 Nos. |
| 07 NEEDLE | : 1/4 X 4". 1 Nos. |
| 08 RUBBER CORK | : 1 Nos. |
| 09 DROPPER | : 1 Nos. |
| 10 GLYCERINE | : 100 ml |

OTHER APPARATUS / MATERIALS

01 **WATER** : 100 ml

09 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.

OMEGA ELECTRONICS