

**FINDING THE FOCAL LENGTH OF A
CONVEX MIRROR USING (1) PLANE
MIRROR (2) CONVEX LENS
OMEGA TYPE ES-298**



OMEGA TYPE ES-298 Experimental Set-Up has been designed specifically to find the focal length of a convex mirror using (1) plane mirror (2) convex lens.

The set-up is complete in all respects 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 focal length of a convex mirror using plane mirror.
- 02 To find the focal length of a convex mirror using convex lens.

FEATURES

The complete Experimental Set-up consists of the followings :

- 01 OPTICAL BENCH DOUBLE ROD** : All metal having four metal riders. One rider with transverse motion & Three fixed (Round Rod type) and provided with levelling screws. Complete with two lens holders & two needles. One metre long.
- 02 DOUBLE CONVEX MIRROR** : Dia meter 50mm Focal Length 15cm
- 03 DOUBLE CONVEX LENS** : 50mm dia of different focal length (2 nos.)
- 04 PLANE MIRROR STRIP** : 100 x 25 x 3mm | 00 x 25 x 3mm
- 05 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