

**FINDING THE FOCAL LENGTH OF A  
CONCAVE LENS BY COMBINATION METHOD  
USING (I) PLANE MIRROR (II) U, V METHOD.  
OMEGA TYPE ES-301**



**OMEGA TYPE ES-301** Experimental Set-Up has been designed specifically to find the focal length of a concave lens by combination method.

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

To find the focal length of a concave lens by combination method using

01. Plane mirror
02. U, V method.

## FEATURES

The complete Experimental Set-up consists of the followings :

- 01 SENIOR OPTICAL BENCH : All metal having four metal riders. Two riders with transverse motion & 1MTR 1/2" ROUND GRADUATED (Round Rod type)
- 02 DOUBLE CONVEX LENS : 50mm dia of focal length (20 Cm)
- 03 DOUBLE CONCAVE LENS : 50mm dia of focal length (40 Cm)
- 04 PLANE MIRROR : Plane Mirror Size 7 x 6 x 0.3 Cm with bracket.
- 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**