



55909 Experimental Set Up has been designed specifically to obtain a lens combination with the specified focal length by using two lenses from the given set of lenses.

The set up 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 obtain a lens combination with the specified focal length by using two lenses from the given set of lenses.

Features

The Experimental Set-up consists of the following:

- 01 OPTICAL BENCH
WITH DOUBLE ROD : One meter Graduated Round Rod 0.75" provided with leveling four screws. One transverse motion rider & three fixed riders.
- 02 DOUBLE LENS HOLDER : 50 mm. 1Nos.
- 03 DOUBLE CONVEX LENS : Diameter 50 mm, Focal Length 15 cm
- 04 DOUBLE CONVEX LENS : Diameter 50 mm, Focal Length 20 cm
- 05 LAMP HOUSE : 1 Nos.
- 06 ADJUSTABLE SLIT : 1 Nos.
- 07 SCREENS WITH GRAPH SHEET : 130 X 135 mm
- 08 SPIRIT LEVEL : 40 mm. 1 Nos.
- 09 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.