

IV-E933 Focal Length Of Mirror Measurement Apparatus



Scope of Learning:

- To find the focal length of a convex mirror using plane mirror.
- To find the focal length of a convex mirror using convex lens.

Apparatus Used:

- Consists of the following items

Optical Bench Double Rod:

- All metal having four metal riders. One rider with transverse motion & Three fixed (Round Rod type) and provided with leveling screws.
- Complete with two lens holders & two needles.
- One meter long.
- Mirror
- DOUBLE CONVEX MIRROR Diameter 5Cmm Focal Length 15cm
- DOUBLE CONVEX LENS: 50mm dia of different focal length (2 nos.),
- PLANE MIRROR STRIP 100 x 25 x 3mm

Lamp House:

- an electric bulb is encased in a metal case with cord & pin, It works on 220V AC.