



55837 Experimental setup has been designed specifically for Verification of Newton's Formula $x_1 x_2 = f^2$ for Lenses separated by a given distance. The set up is consists of Optical Bench, Convex Lenses, Plane Mirror and Needles. 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 Verify Newton's Formula $x_1 x_2 = f^2$ for Lenses separated by a given distance.

FEATURE

The complete Experimental Set-up consists of :

01 Senior optical bench :

All metal having four metal riders. Two riders with transverse motion & Two fixed and provided 1mtr ½" round graduated with levelling screws. Complete with double lens holder, single lens holder & two needles. (Round Rod type) One metre long.

02 DOUBLE Convex Lens : 50 mm dia of focal length 40cm (2 Nos.)

03 Plane Mirror Strip : 7cm x 6 cm x 3mm. WITH HOLDER BRACKET

04 Lens Holder : 2 Nos.

05 Needle : 2 Nos.

06 Strongly supported by detailed Operating Instructions, giving details of Object Theory, Design procedures, Report Suggestions and Book References

Note: Specifications are subject to change.

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