



OMEGA TYPE ES-388 Experiment set-up has designed specifically for Demonstrations of Interference and Diffraction Phenomena Using Laser. 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:- To Study Demonstrations of Interference and Diffraction Phenomena Using Laser by double slit experiment.

FEATURES

- 01 **OPTICAL BENCH :**
Two 150cm long steel rods 3/4" dia. forming a bench with end supports having leveling screws. One of the two steel rods is graduated in cm and mm. It has three riders, two with transverse motion & one fixed.
- 02 **He-Ne LASER DIODE WITH POWER SUPPLY.**
MAXIMUM OUTPUT : 1mW
WAVE LENGTH : About 670 nm visible red
POWER SUPPLY : Included with ON/OFF switch working on 230V mains supply.
- 03 **DOUBLE SLIT :** Size 75 x 75mm with two slit (width = 0.5mm, gap = 1mm, height 30mm)
- 04 **SCREEN :** 200mm x 200mm with white Art paper.
- 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.

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