

TO DETERMINE THE REFRACTIVE INDEX ( $\mu$ ) OF THE GLASS PRISM.  
OMEGA TYPE ES-401



**OMEGA TYPE ES-401** Experimental Set-up has been designed specifically to determine the refractive index ( $\mu$ ) of the glass prism & to study the variation of the angle of deviation with the angle of incidence using a glass prism and to determine the angle of minimum deviation Draw necessary graph for it.

The set-up is complete in all respect and requires no other apparatus.

Practical experience on this set up carries great educative value for Science and Engineering Students.

#### OBJECT

1. To study the variation of the angle of deviation with the angle of incidence using a glass prism and to determine the angle of minimum deviation.
2. To determine the refractive index ( $\mu$ ) of the glass prism.

#### FEATURES

The Experimental Set-up consists of the following:

- 01 **DRAWING BOARD** : 16 X 23", 1Nos.
- 02 **WHITE SHEET OF PAPER** : 16 X 23". 10 Nos.
- 03 **GLASS PRISM** : 50 X 50 mm
- 04 **ALL PIN BOX** : 50 Pin in Box
- 05 **PLASTIC CLIP TO HOLD PAPER** : 4 Nos.
- 06 **SCALE 30 cm** : 1 Nos.
- 07 **PROTRACTOR (D) 180°** : 1 Nos.
- 08 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

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