

**RELATION BETWEEN FORCE OF  
LIMITING FRICTION AND NORMAL  
REACTION AND COEFFICIENT OF  
FRICTION BETWEEN SURFACE OF A  
MOVING BLOCK AND THAT OF A  
HORIZONTAL SURFACE  
OMEGA TYPE ES-428**



**OMEGA TYPE ES-428** Experimental Set Up has been designed specifically to study the relation between force of limiting friction and normal reaction and to find the coefficient of friction between surface of a moving block and that of a horizontal surface.

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.

#### FEATURES

- 01 Horizontal plane laminated fitted with frictionless pulley size 600X100 mm.
- 02 Wooden Block Approx. 50X50X100 mm, Weight Approx. 300 gm with hook
- 03 Slotted Wight Iron N.P. with hanger 50X5 Total 250 gm.
- 04 Slotted Wight Iron N.P. with hanger 10, 10, 20, 20, 50 Total 110 gm.
- 05 Thread about 3 Meter.
- 06 Steel Pan Size 2"
- 07 Spring Balance to weight up to 500 gm.
- 08 Weight 2 Kg. (Approx.)
- 09 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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