



FRICITION ON AN INCLINED PLANE

INPW02

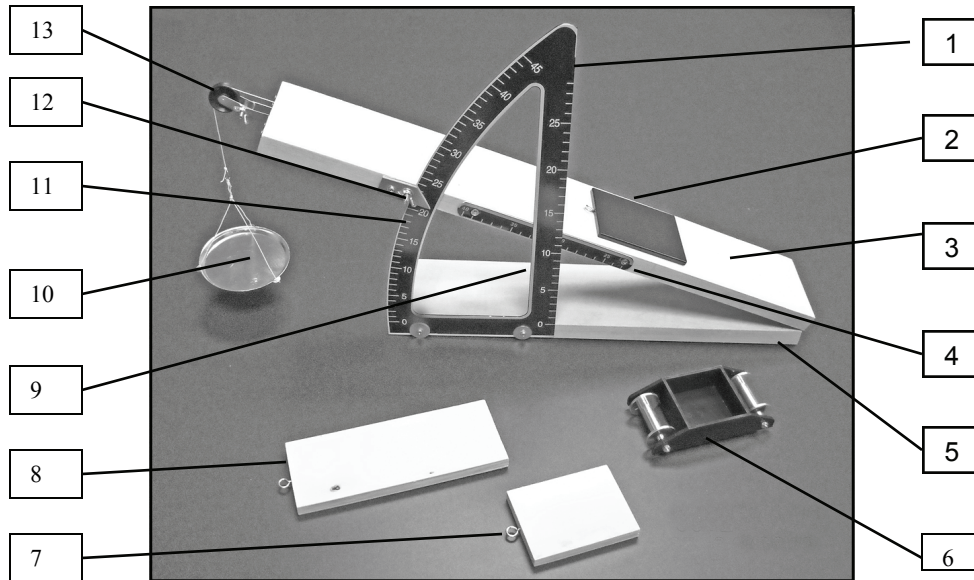


Figure 1

DESCRIPTION

The Friction on an Inclined Plane Set INPW02 is designed for students to investigate the conditions for the equilibrium of an object on an inclined plane and the friction between two surfaces. Students will be able to determine the coefficients of friction for different materials by different methods.

The set includes a wooden inclined board with pulley and protractor, a Hall's carriage, a standard weight pan, and a set of friction boards.

IDENTIFICATION OF COMPONENTS

(see *Figure 1*)

- | | | | |
|---|--------------------|----|--------------------|
| 1 | Protractor | 8 | Large Wooden Block |
| 2 | Metal Plate | 9 | Height Scale |
| 3 | Inclined plane | 10 | Weight Pan |
| 4 | Slope Scale | 11 | Angle Scale |
| 5 | Base | 12 | Clamp |
| 6 | Hall's Carriage | 13 | Pulley |
| 7 | Small Wooden Block | | |