

## INCLINED PLANE - with scale

Cat: MF1960-001 with plain surface. MF1961-001 with glass surface.

For use with roller, cart, weight pan, cord & hook.

### DESCRIPTION:

The IEC 'Inclined Plane' is a unique product that is robust and suitable for student use. When not in use, the plane closes down flat and locks into place against the base section which is used as a secure storage compartment for components. For experiments, the plane can be set to any angle up to  $45^{\circ}$ . The unit is available with a glass plate adhered to the plane surface to provide a smoother surface or for special experiments.

### MF1960-001



Physical size:

Weight: kg

**NOTE: The roller, cart and weight pan are not supplied with the Inclined Plane. See PA1962-001, PA1963-001 and MF3723-001 respectively**

Designed and manufactured in Australia by Industrial Equipment and Control Pty Ltd

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**Scientrific Pty Ltd**

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**ANCILLARY EQUIPMENT: not supplied with standard unit.**

- 1 pce. Heavy brass roller and frame with hook. PA1962-001
- 1 pce. Small aluminium cart with wheels to carry weights. PA1963-001
- 1 pce. Plastic pan for carrying weights. MF3723-001
- 1 pce. Light cord with a loop each end.

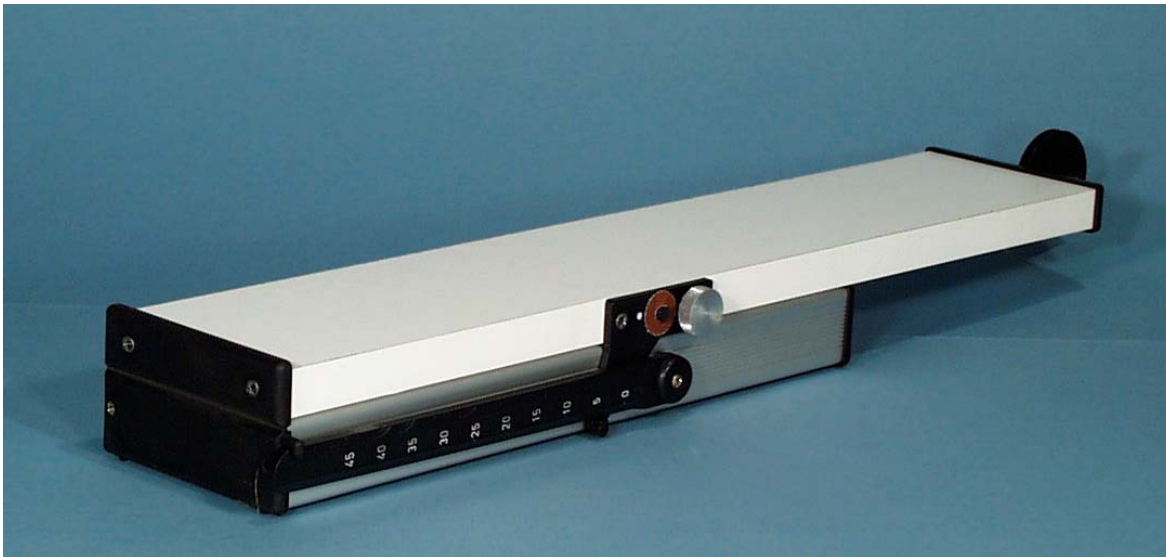
**USE OF EQUIPMENT:**

To unlock and release the inclined plane, slightly flex the graduated scale bar both downwards and outwards to disengage it from its locking pin.

While keeping the plane in the closed position against the base, pivot the graduated scale bar upwards until it is positioned against the boss and under the edge of the knurled aluminium clamping knob. Now the plane can be raised away from the base.

While gently holding the scale bar in this position, raise the plane to set the desired angle as indicated on the scale bar. At the desired angle, tighten the aluminium clamping knob firmly to lock the scale bar in place. The angle is indicated by the white 'dot' adjacent to the scale bar.

For experiments, components may be removed from the storage compartment in the base. Always re-store components after use. When the plane is closed and re-locked, the components are then secure and cannot fall out of their storage compartment.

**The Inclined Plane closes to become a storage housing for the components.**

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