



An ISO 9001:2015
CERTIFIED CO.

INCLINED PLANE

LEARN. MEASURE. UNDERSTAND.

The ESEL Inclined Plane is a precision-engineered apparatus used to demonstrate the principles of motion, gravity, and energy on an inclined surface. Ideal for educational and laboratory use, it helps students understand the relationship between height, length, angle, and mechanical advantage through practical experiments.



ACCURATE
MEASUREMENTS



STURDY &
DURABLE DESIGN



EDUCATIONAL
EXCELLENCE



EASY TO
ASSEMBLE & USE

SPECIFICATIONS

Product Name	Inclined Plane
Material	High-quality wood, metal & plastic components
Track Length	100 cm (approx.)
Track Width	4.5 cm (approx.)
Angle Range	0° to 45° (adjustable)
Angle Scale	Graduated scale with clear markings
Pulley	Low-friction pulley with metal hook
Trolley / Slider	With low-friction wheels
Weights	Set of slotted weights (2 pcs)
Base Dimensions	50 x 10 cm (approx.)
Components	Inclined track, base, angle scale, pulley, trolley, string, weights, accessories
Applications	Physics experiments, motion study, energy conservation, mechanics demonstrations
Usage	Educational, laboratory & demonstration purposes

APPLICATIONS

-  Study of motion on an inclined plane
-  Verification of laws of motion
-  Determination of friction
-  Energy conservation experiments
-  Educational demonstrations in physics labs

KEY FEATURES

- ✓ Adjustable angle for versatile experiments
- ✓ Smooth surface for low-friction motion
- ✓ Clear scale for accurate angle measurement
- ✓ Robust construction for long-term use
- ✓ Ideal for school, college & research laboratories

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