

Product Name :

Compound Pendulum Apparatus

Product Code :

ALABS-A104-218

ALTEC™**Description :****Compound Pendulum Apparatus**

The model is used to investigate the oscillation of pendulums. During this process a physical pendulum is compared with a mathematical pendulum. The unit includes a metal bar with additional sliding weights as a rigid pendulum. The suspension point can be adjusted at the knife edge bearing of the pendulum. The length of the thread pendulum included can be easily varied using a clamping device. The components of the experiment are attached to a base plate intended for wall mounting. The model is suitable for student experiments.

Specification:

1. Experiments on the oscillation of pendulums, comparison of physical and mathematical pendulums
2. Rod pendulum (physical pendulum) made of metal, mounted on sliding knife edge bearing
3. Thread pendulum (mathematical)
4. Additional weight for rod pendulum, can be moved

5. Base plate for wall mounting

Technical Data:

Thread pendulum

- length: up to 2000mm
- nylon cord as thread
- mass: D=50mm, 0.52kg

Rod pendulum

- length: 1000mm
- D=8mm
- mass: 0.39kg
- made of steel

Additional weight (steel ball)

- D=50mm
- mass: 0.49kg

Base plate

- wxh: 250x200mm



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