

Product Name :
Bifilar and Trifilar Suspension Apparatus**Product Code :**
ALABS-A179-067ALTEC™**Description :****Bifilar and Trifilar Suspension Apparatus**

The model permits oscillations on pendulums with bifilar or trifilar suspension to be investigated. For this purpose a bar, a cylinder, or a hollow cylinder made of galvanised steel can be hung from a wall mounted carrier plate made of aluminium and placed in oscillation. The bodies used in the experiments have strong steel hooks for attachment to the suspension cords. The length of the cords can be rapidly changed and securely fixed using clamping wheels. The beam can oscillate, by translation, in the plane of suspension like an ideal mathematical pendulum. The cylinder and the circular ring work as rotary pendulums.

Specification:

1. Rotary and pendulum oscillation experiments with 3 different bodies on bifilar / trifilar pendulums
2. Quick-action clamp for the suspension cords
3. Bar made of galvanised steel
4. Cylinder made of galvanised steel

5. Hollow cylinder made of galvanised steel

6. Suspension cord length up to 2000mm possible

Technical Data:

Bars

- lxwxh: 40x40x160mm

- mass: 2kg

Cylinder

- Dxh: 160 x19mm

- mass: 3kg

Hollow cylinder

- outer diameter: 160mm

- inner diameter: 100mm

- height: 41mm

- mass: 4kg

- Cord thread length: up to 2000mm

Base plate

- wxh: 200x250mm

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