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**Product Name :**  
Bifilar Trifilar Suspension Apparatus

**Product Code :**  
LBNY-0005-10100074



**Description :**

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 model permits oscillations on pendulums with bifilar or trifilar suspension to be investigated. 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. 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.

**Technical Specification :**

Bar made of galvanised steel  
cylinder made of galvanised steel  
Quick-action clamp for the suspension cords  
Hollow cylinder made of galvanised steel  
Suspension cord length up to 2000mm possible  
Rotary and pendulum oscillation experiments with 3 different bodies on bifilar / trifilar pendulums

**Technical data:**

Bars  
Lxwxh: 40x40x160mm  
Mass: 2kg  
Base plate  
Wxh: 200x250mm  
Cylinder

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Dxh: 160 x19mm

Mass: 3kg

Hollow cylinder

Outer diameter: 160mm

Inner diameter: 100mm

Height: 41mm

Mass: 4kg

Cord thread length: up to 2000mm

Dimensions and weight:

l x w x h : 205 x 200 x (2000) mm

Weight : approx. 12kg.



**Laboratory Instrument India**