

**Product Name :**  
Astra Scientific Compound Pendulum Apparatus

**Product Code :**  
Applied-Lab-0006



**Description :**

Astra Scientific Compound Pendulum Apparatus

**Technical Specification :**

The apparatus is designed to study the time period and frequency of compound pendulum. A pendulum consists of a cord which has mass at its one end and it is tied to a pivot point on the other end.

The unit consists of a metallic rod on which metallic balls are fitted on different locations. The rod is pivoted at any desired point.

- To be apparatus to determine the radius of gyration and centre of gravity of a compound pendulum; effect of fulcrum position; finding gravitational acceleration 'g'; comparison with a simple pendulum
- To consist of a wall mounted bracket with a cord or pendulum bar suspended from it. The compound pendulum consists of a 1m long bar with a moveable bob, which can be suspended in up to seven different positions
- To enable investigations into simple pendulum theory with a ring, cord and adjustable position pendulum mass being provided for simple pendulum work
- A stopwatch and ruler for taking measurements on this apparatus supplied

- Instruction manual for student and lecturer provided



## **Astra Scientific**

www.astrascientific.com, **Email:** info@astrascientific.com

**Address:** K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265