



Key Features

- Consists of an electromagnet housed in a plastic molded case with connections for an external timer, with a heavy steel sphere, and a platform unit.
- For determination of 'g' (the gravitational acceleration) by free fall method.
- The apparatus consists of an electromagnet which is housed in a plastic molded case with 4 mm socket connections provided to energize the magnet and another pair of sockets for connection to a timer in use.
- To perform the experiment, an electromagnet is energized and a metal sphere is attached. As soon as the power to the electromagnet is switched off the sphere falls and the unit activates the timer.
- When the sphere hits the platform, which is connected to a micro switch, the timer stops and the time of fall can be determined.

Apparatus Required:

- Electromagnet Unit
- Gate Unit
- Digital Timer
- Retort Stand With Rod (Graduated Scale on Rod)
- Steel Ball 18mm
- Patch Cords

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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