

Product Name : Acceleration Measurement Setup for Physics Electric Labs	Product Code : BSC-TR-14
 The image shows a laboratory setup for measuring acceleration. It consists of a black metal frame with two vertical poles. A horizontal arm is attached to the poles, and a digital stop watch is mounted on it. A pendulum is suspended from the arm. A small electronic device is connected to the setup. The background is a repeating pattern of the word 'NAUGRA' in a stylized font.	
Description :	
Acceleration Measurement Setup - Digital Stop watch.	
Self-contained setup.Acceleration Measurement Setup - Digital Stop watch.	
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Acceleration Measurement is very useful to understand the concept of Gravitational force of earth. It includes Simple Pendulum, Compound Pendulum and concept of object drop method.	
Acceleration due to gravity can be easily determined	
with Simple Pendulum which is suspended by a	
weightless, inextensible and perfectly flexible string. Practically it is not possible to have such ideal pendulum because neither we can get a single material particle nor a weightless and inextensible string.	
Compound Pendulum is the basic apparatus, by which we can find	

acceleration due to gravity, moment of inertia and radius of gyration of any rigid body.

In free falling body (object displacement) method we can drop an object from various distances and measure its time of drop by a measurement unit. The body follows Gravitational law

Digital Stop watch.

Self-contained setup.

Simple and Compound pendulum.

Low cost.

Naugra Export

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