

**Specifications:****Measurements - Errors**

- Measurement Of Physical Quantities. Error Limits
- Measurement Of Lengths With Gauge
- Measurements Of Times With Electronic Chronometer
- Measurements Of Masses, Volumes And Densities
 - Measurement Of Masses
 - Measurements Of Volume

Rectilinear Motions. Free Fall.

- Uniform Rectilinear Movement:
 - Of A Carriage, With Barriers And Chronoscope
 - Of A Sphere, With Barriers And Chronoscope
 - With A Motor Reducer
- Charts Of Uniform Rectilinear Movement
- Acceleration Of A Moving Body
- Uniformly Accelerated Rectilinear Motion:
 - Of A Carriage On An Inclined Plane
 - Of A Sphere
- Free Fall. Determination Of "g":
 - By An Experiment Similar To Newton's Tube
 - By Free Fall Apparatus, With Photoelectric Barriers
- Assembly With Atwood Machine

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



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Circular Motion

- Uniform Circular Motion. Angular Speed. Normal Acceleration
- Uniformly Accelerated Circular Motion. Angular Acceleration

Combination Of Motions

- Horizontal Throw
- Inclined Plane And Horizontal Throw
- Oblique Throw

Simple Harmonic Motion

- Simple Harmonic Motion With A Spring And Photoelectric Barriers
- Simple Harmonic Motion Of Pendulum With Photoelectric Barriers

Combination Of Forces

- Composition Of Concurrent Forces
- Composition Of Parallel Forces

Moment Of A Force. Torques. Machines

- Moment Of A Force. Torques (I) And (II)
- Moment Of A Force. Equilibrium Conditions
- Levers. Equilibrium Law
- Pulleys. Equilibrium Law
- Inclined Plane. Forces And Work. Resolution Of Forces

Newton's Laws Of Motion Inertial Mass

- Newton's Laws Of Motion
- Principle Of Inertia, Newton's Third Law
- Atwood Machine

Friction

- Forces Due To Friction

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Momentum. Collisions

- Studying Collisions. Conservation Of Momentum:
 - On Plane With Spheres
 - On Inclined Plane
- Collisions With Carriages And With Bumpers

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