

Experiment(s):

1. Verification of conservation of energy

(For more details, procedure & manual visit: www.kamaljeeth.net)

Reference : Lab Experiments Journal vol-4, No.3, Page-227

Experiment setup consists:

- a) Rolling bed
- b) Time interval clock



Specifications:

a) Rolling bed

Length: 500 mm

Height: Adjustable up to 100 mm

Sensors: Start and stop (2 nos)

Sensor position: Fixed

Objects: Sphere, solid cylinder, hollow cylinder (3 nos)

b) Time interval clock

Range: 0-999.9 sec

Resolution: 0.1 sec

Time measuring: Based on inputs from start sensor and stop sensor

Reset: Automatically on interrupting start sensor

Rated Input: 220 V/50 Hz

or 110 V/60 Hz

Power consumption: <30 W



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