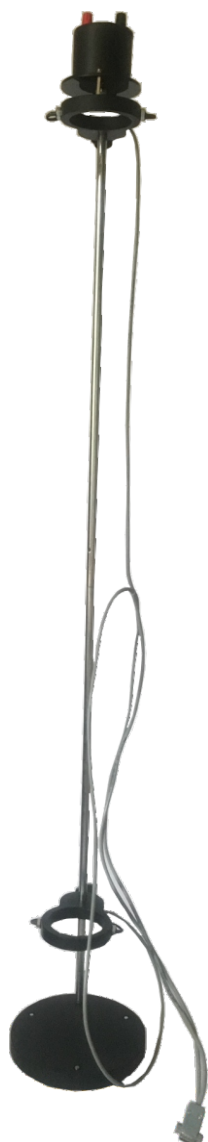


Experiment(s):

1. Determination of acceleration due to gravity

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



Experiment Setup Consists:

- a) Free Fall Stand
- b) Time Interval Clock
- c) Objects

Specifications:

a) Free Fall Stand

Length: 1100 mm
Object release mechanism:
Electromagnetic
Number of Sensors: 2
Position adjustment for sensor:
Yes
Levelling Screw for Base: Yes
Distance measurement: manual

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
Power: AC 220V/50Hz or
AC 110V/60Hz
Power Consumption: <50W

c) Object:

Spheres (2nos) of dia 20mm

Reference : Lab Experiments Journal



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