

Experiment(s):

1. Determination of acceleration due to gravity

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

Reference : Lab Experiments Journal, Kamaljeeth write-up

Experiment setup consists:

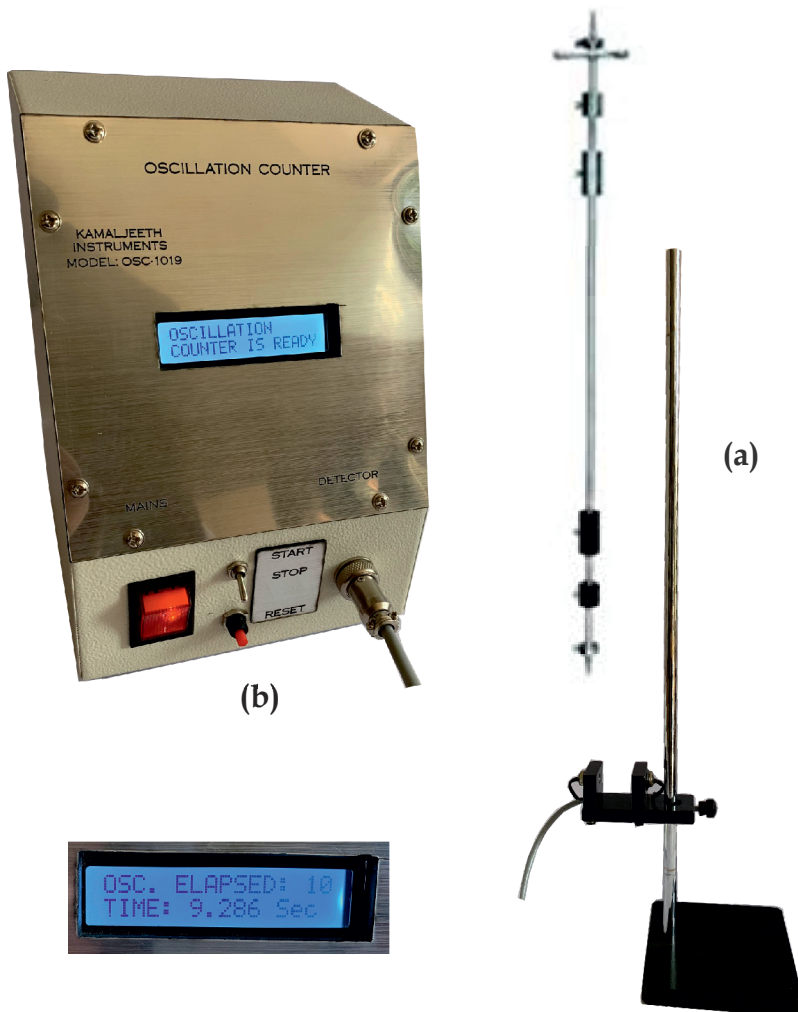
- Kater's pendulum
- Oscillation counter with height adjustable sensor

Specifications:**a) Kater's pendulum**

Rod material: Iron
 Rod uniform cross section:
 12 mm
 Rod length: 1000 mm
 Balancing weights: 2 nos
 Clamp: Wall mount type

b) Digital oscillation counter

Sensor type: Photo detector based
 Max. time: 999,999 sec
 Resolution: 0.001 sec
 Oscillations: up to 200
 Timer will auto start after 1 trail oscillation
 Reset: Yes
 Rated Input: 220 V/50 Hz
 or 110 V/60 Hz



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