

Experiment(s):

1. Determination of Spring constant by static & dynamic methods

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

Reference : Lab Experiments Journal vol-11, No.2, Page-146



(b)



(c)



(a)

Experiment setup consists:

- a) Spring constant stand with 3 different springs
- b) Slotted weight set
- c) Digital stop clock

Specifications:

a) Spring constant stand with 3 different springs

Type: Table top
Base: Heavy steel
Support rods: Stainless steel
Length: 790 mm
Spring: 3 different springs of same material, different lengths

b) Slotted weight set

Weight: 5 x 100 g set

c) Digital stop clock

Range: 0-999.9 sec
Resolution: 0.1 sec
Time measuring: Manual start/stop
Rated Input: 220 V/50 Hz
or 110 V/60 Hz
Power consumption: <20 W



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