

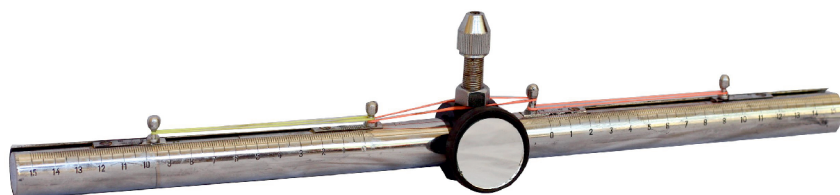
MAXWELL'S NEEDLE APPARATUS

Model: RMD-201/412

Experiment(s):

1. Determination of rigidity modulus of a wire

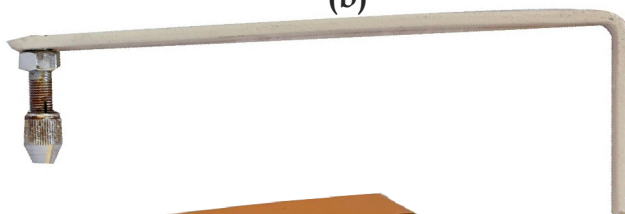
(For more details, procedure & manual visit: www.kamaljeeth.net)



(a)



(b)



(c)

Experiment setup consists:

- a) Maxwell's needle & sample wire
- b) Ceiling cum wall clamp
- c) Digital stop clock

Specifications:

a) Maxwell needle

Tube length: 40 cm
Diameter: 18 mm
Material: Steel/Brass
Scale: Graduation on either ends from 0 to 18 cm
Type: Hollow cylinder
Weight set: Solid brass weight set (2 nos) and Hollow brass cylinders
Length: 10 cm each
Mount: Chuck nut mounted on to middle of main hollow tube
Mirror: Mounted to chuck nut at exactly centre of the hollow tube

b) Mount

Chuck nut with ceiling hung cum wall fix type

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: <30 W



KAMALJEETH INSTRUMENTS

ESTD. 1990

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3 years manufacturing warranty