KPHM-25

YOUNG's MODULUS BY KOENIG's METHOD

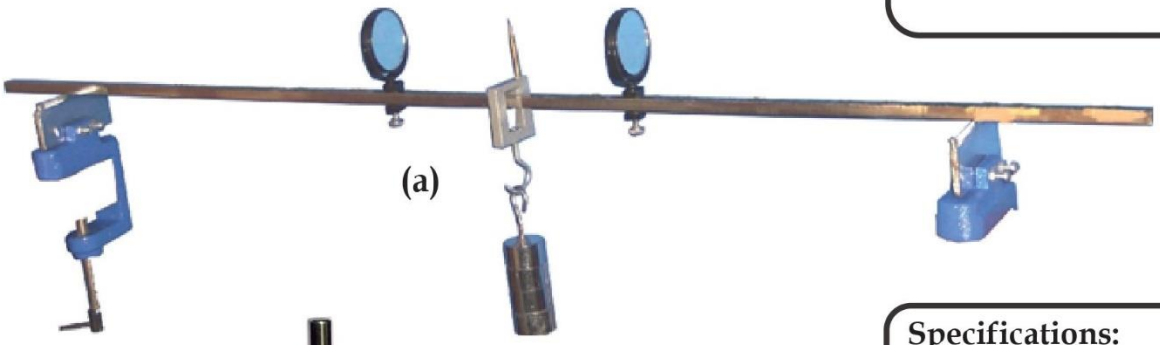
Experiment(s):

1. Determination of Young's modulus of square cross sectional metal rod

Experiment setup consists:

a) Koenig's apparatus

b) Scale and telescope arrangement



(a)

(b)

Specifications:

a) Koenig's apparatus
Beam: Brass beam
Length: 1 m
Size: 10 mm
Marking: Engraved cm scale
Mirror: Tilt adjustable with slider (2nos)
Knife edges: Table mounting type with steel knife edges (2 nos)
Weight hanger: Weight hanger with pointer and hook
Weight set: Slotted weight rough 5 x 500 g

b) Scale and telescope on stand
Base: Heavy cast iron
Telescope height: Adjustable
Focus: Adjustable
(2m ~ infinity)
Tilt: Adjustable
Scale: Engraved translucent
Length: 50 cm
Width: 30 mm
Mount: Vertical and horizontal

Reference : Lab Experiments Journal for Engineering Physics

Note: Specifications and Photos can be altered without prior notice in our constant efforts for improvement.