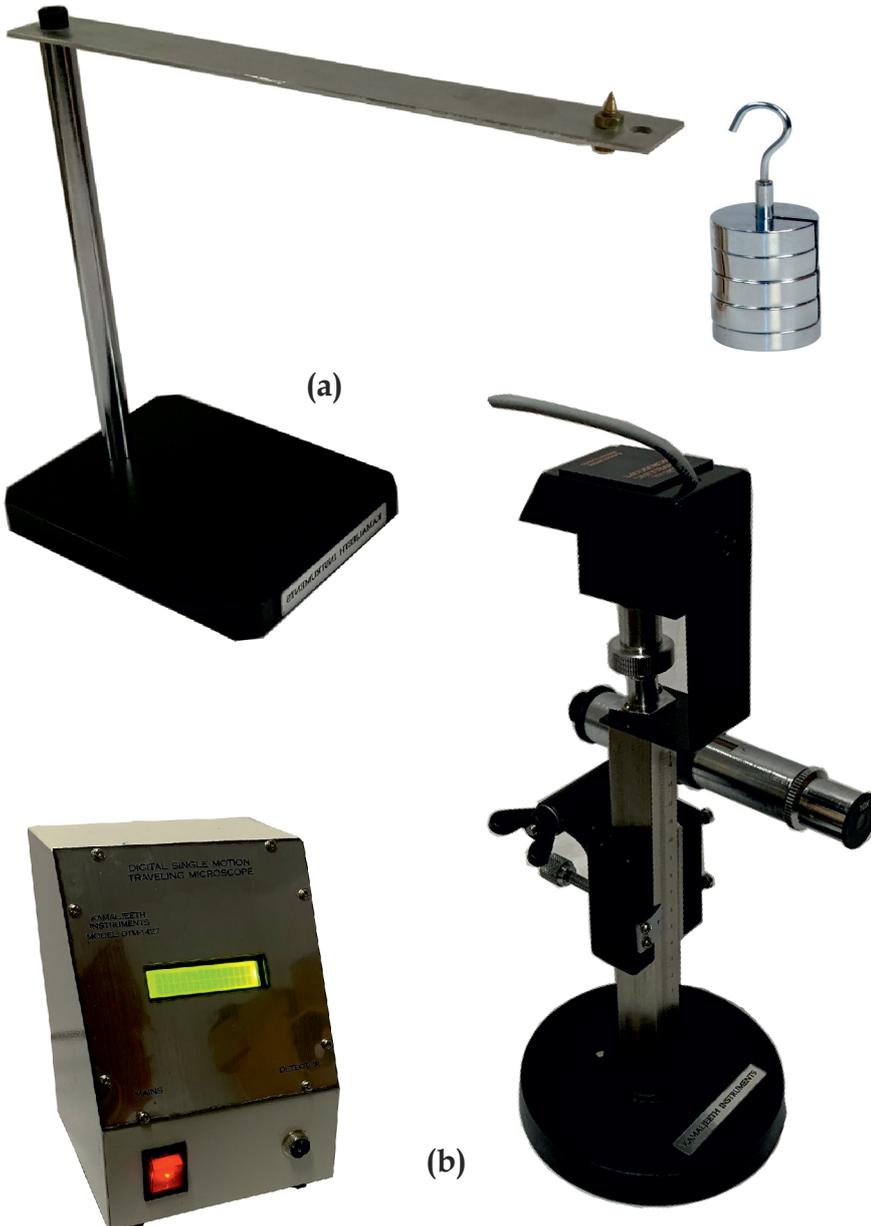


Experiment(s):

1. Determination of Young's modulus of rectangular cross section by cantilever method

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



Experiment setup consists:

- a) Cantilever beam & weight set
- b) Digital travelling microscope

Specifications:

a) Cantilever beam

Base: Heavy metal base
 Beam: Aluminium with pointer at end
 Interchangeable beams with varying length, thickness and materials available on request
 Weight set: 7 x 50 g

b) Digital travelling microscope

Number of axis: 1 (Vertical)
 Base: Cast iron
 Moving parts: Brass
 Focus: Adjustable
 Free movement: 150 mm
 Micrometer movement: 10 mm
 Least count: 0.01 mm
 Display: LCD
 Detector: Resistive type
 Rated Input: 220 V/50 Hz
 or 110 V/60 Hz
 Power consumption: <20 W

Reference : Lab Experiments Journal for Engineering Physics



KAMALJEETH INSTRUMENTS

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