Model: YMW-201/430

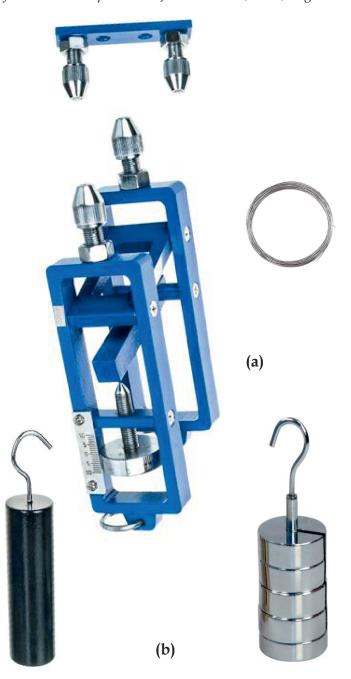
YOUNG'S MODULUS BY SEARLE'S METHOD

Experiment(s):

1. Determination of Young's modulus of wire by stretching

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

Reference: Lab Experiments Journal vol-12, No.1, Page-42



Experiment setup consists:

- a) Searle's apparatus
- b) Weight set

Specifications:

a) Searle's Apparatus

Frame: Twin cast iron frames
Levelling: Using spirit level
Scale: Micrometer type
Resolution: 0.01 mm
Movement: 60 mm
Mounting: Twin chuck nut type
Upper mounting: To ceiling
using a wooden board
(wooden board not provided)
Sample wire: Steel wire of
diameter 0.5 mm

b) Weight Set

Dead weight: Yes Known weight: 5 x 500 g slotted weight set



KAMALJEETH INSTRUMENTS

Address: No. 610, 5th main, 8th cross Tatanagar, Bangalore - 560092, INDIA Website: www.kamaljeeth.net, Email: labexperiments@kamaljeeth.net

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