

SURFACE TENSION BY CAPILLARY RISE METHOD

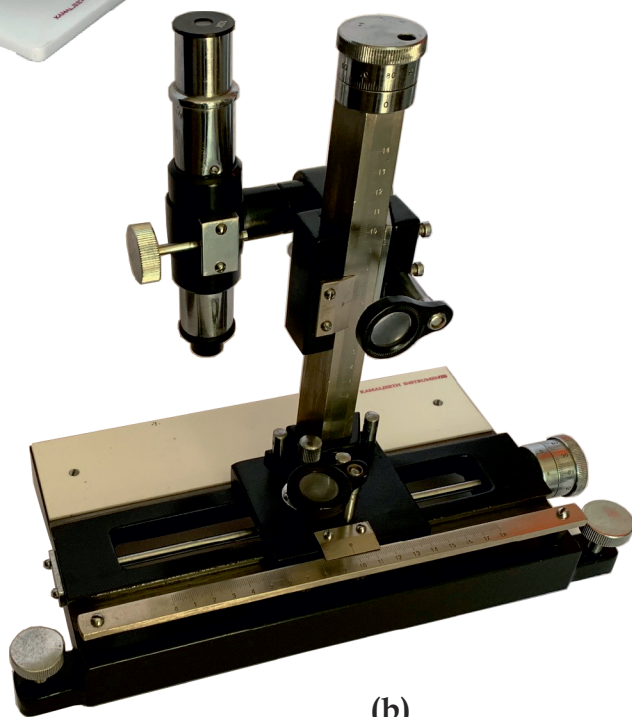
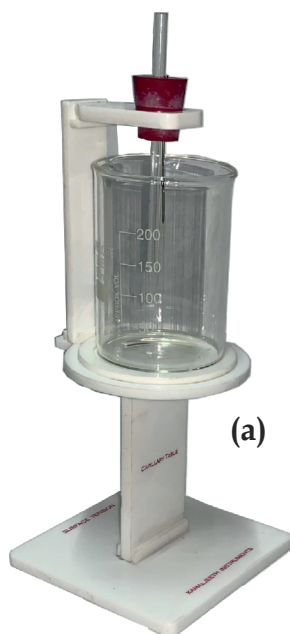
Model: STC-201/421

Experiment(s):

1. Determination of surface tension of liquids

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

Reference : *Lab Experiments Journal for pre-university*



Experiment setup consists:

- a) Capillary stand and beaker holder
- b) Digital travelling microscope

Specifications:

a) Capillary stand and beaker holder

Type: Desktop
Material: Acrylic
Reference pointer: Yes
Capillary tube: Changeable
(3 different diameter)
Beaker: Max size 250 ml

b) Travelling microscope

Number of Axis: 2
(x and z axes)
Base: Cast iron
Moving parts: Brass
Focus: Adjustable
x- axis movement: 180 mm
Measurement: Screw gauge
type
Least Count: 0.01 mm
Free movement: Yes
Magnifier: Yes
z- axis movement: 140 mm
Measurement: Screw gauge
type
Least count: 0.01 mm
Free movement: Yes
Magnifier: Yes



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