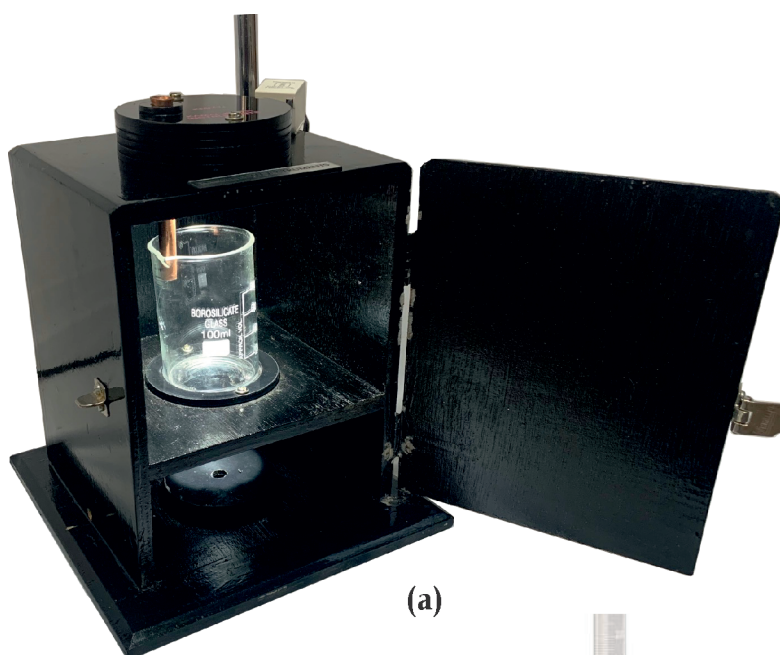


Experiment(s):

1. Determine the absorption co-efficient of potassium permanganate

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

Reference : Lab Experiments Journal vol-9, No.3, Page-240



(a)



(b)



(c)

Experiment setup consists:

- a) Light and sensor arrangement
- b) Relative light intensity meter
- c) Burette

Specifications:

a) Light and sensor arrangement

Chamber: Illuminated wooden box with sensor and provision for droplet liquid insertion
 Capacity: up to 50 mm of liquid wall
 Illumination: LED type
 Sample insertion: Via burette
 Fixture: Burette clamp and holder
 Rated Input: 220 V/50 Hz
 or 110 V/60 Hz

b) Relative light intensity meter

Measures relative light intensity with range selection switch
 Type: Detection of current variation through LDR
 0.001 mA to 199.9 mA
 Material: Acrylic body
 Rated Input: 220 V/50 Hz
 or 110 V/60 Hz

c) Burette

Capacity: 50 ml
 Flow: Flow control knob
 Material: Glass



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