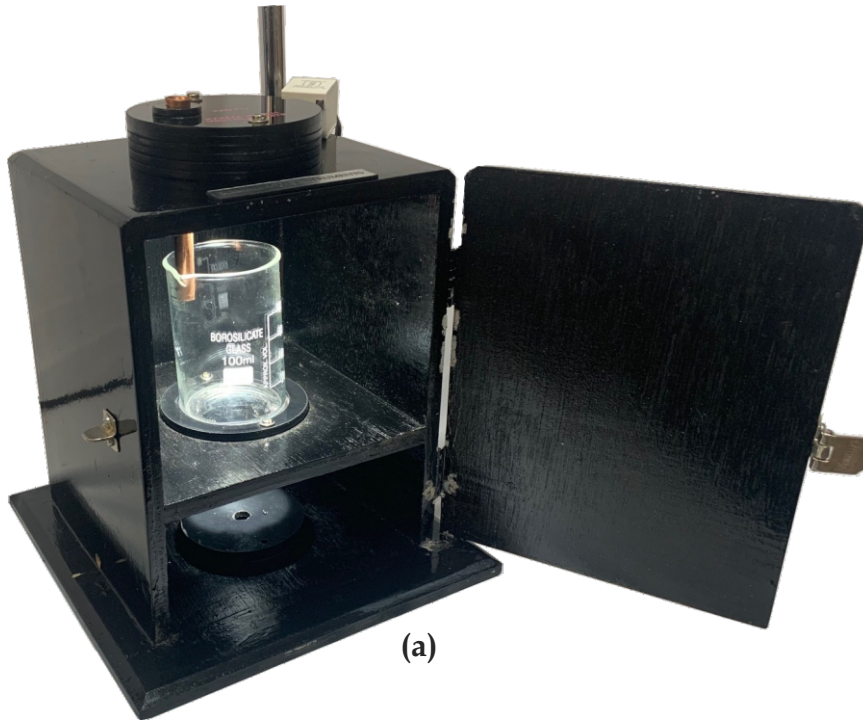


### Experiment(s):

1. Determine the absorption co-efficient of Potassium Permanganate

(For more details, procedure & manual visit: [www.kamaljeeth.net](http://www.kamaljeeth.net))



(a)



(b)

### 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: upto 50mm of liquid wall

Illumination: LED type

Sample insertion: Via Burette

Fixture: Burette Clamp and holder

Input: Mains operated 220V, 50Hz or 110V, 60Hz

#### 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

Mains operated 220V 50Hz or 110V 60Hz

#### c) Burette

Capacity: 50ml

Flow: Flow control knob

Material: Glass

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



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