

## Experiment(s):

1. Determination of thickness of thin object (Paper)
2. Determination of thickness of wire

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

### Experiment Setup Consists:

- a) Microscope
- b) Sodium Vapour Lamp Set

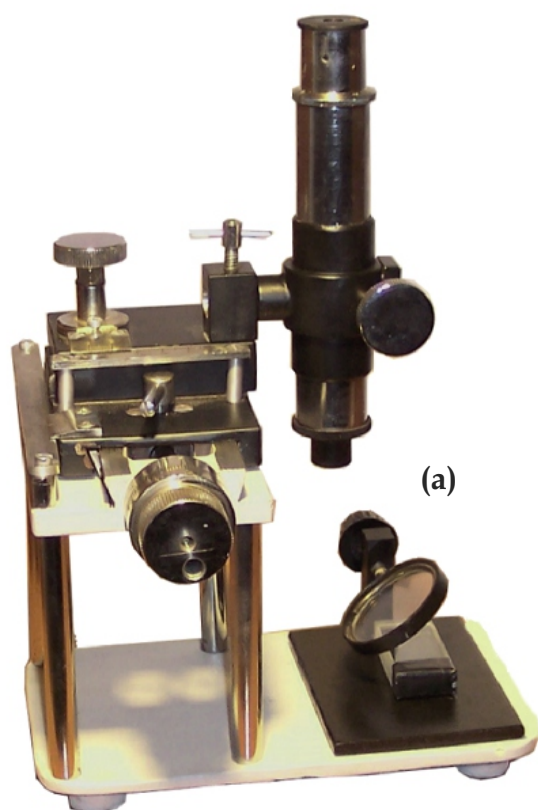
### Specifications:

#### a) Microscope:

Air-wedge microscope  
Reflector: 45 degree turning glass plate  
Acrylic pre-cut assembly with magnetic base  
Fixed glass plates with sandwiched strip  
Base Material: Cast Iron  
Movement Components: Brass  
Reading: Screw gauge type reading micrometer

#### b) Sodium Vapour Lamp Set (Optional)

Lamp: Philips / Thorne 35W  
Lamp House: Single Lamp type with fixed slit openings  
Transformer: 35W, Instant ON type  
Input: Mains operated 220V, 50Hz or 110V, 60Hz



(a)



(b)



Reference : Lab Experiments Journal vol-14, No.2, Page-100



## KAMALJEETH INSTRUMENTS

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