

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)

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

Experiment setup consists:

- a) Microscope
- b) Sodium vapour lamp set

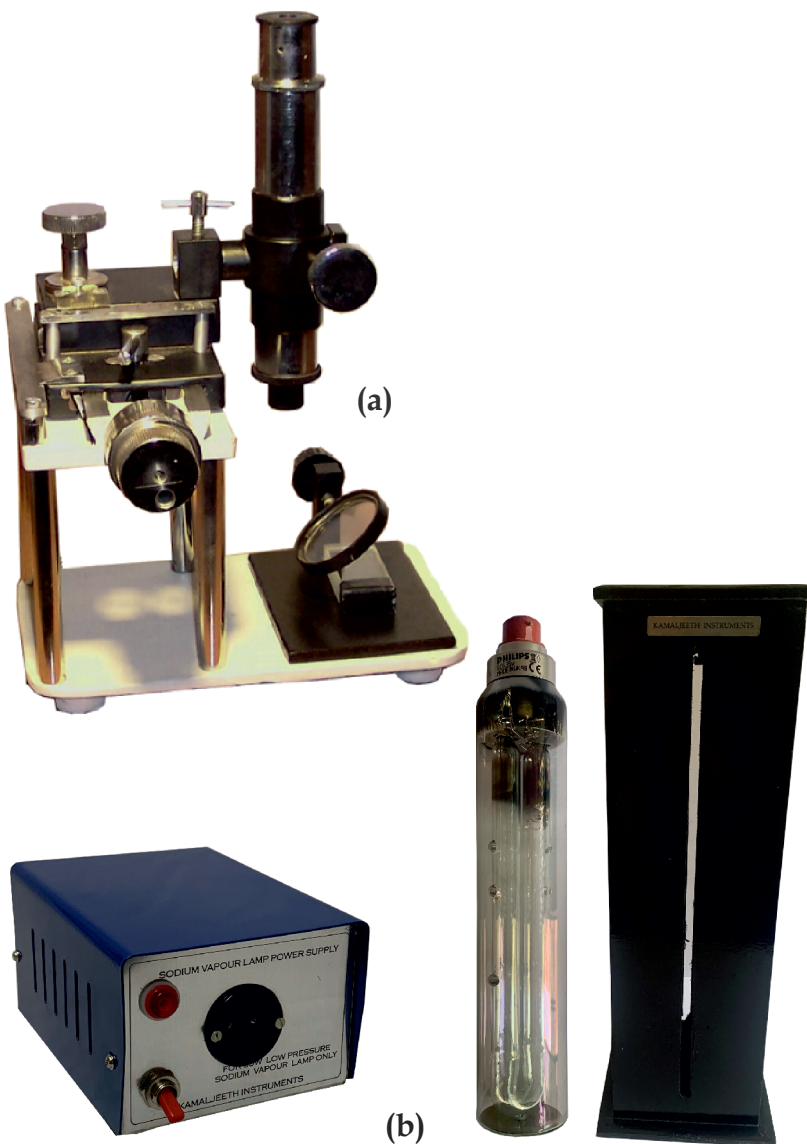
Specifications:

a) Microscope

Air-wedge microscope
 Reflector: 45° turning glass plate
 Acrylic pre-cut assembly with magnetic base
 Fixed glass plates with sandwiched strip
 Base Material: Cast iron
 Moving components: Brass
 Reading: Screw gauge type reading micrometer

b) Sodium vapour lamp set (Optional)

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



KAMALJEETH INSTRUMENTS

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3 years manufacturing warranty