

Experiment(s):

1. Determination of wavelength of Sodium
2. Determination of Focal Length of convex lens
3. Determination of Refractive Index

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

Experiment Setup Consists:

- a) Newton's Rings Microscope
- b) Digital Readout
- c) Sodium Vapour Lamp Set

Specifications:

a) Microscope:

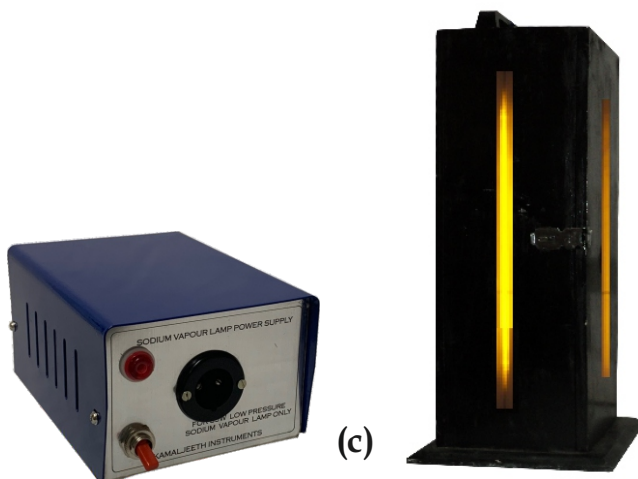
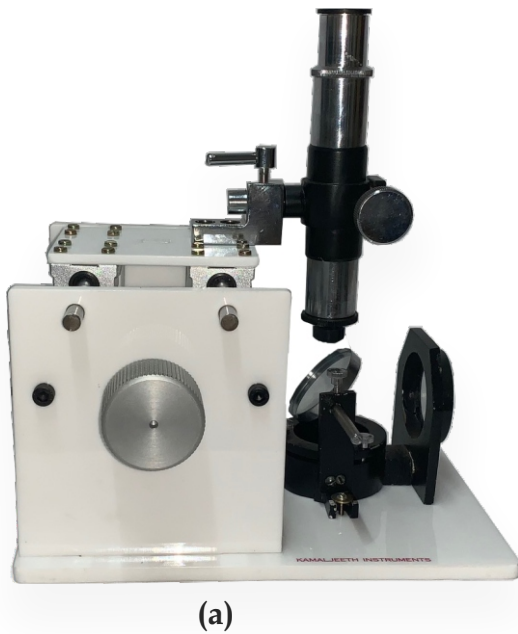
Newton's Rings microscope
Reflector: 45 degree turning
glass plate
Metal assembly with knob
screw
Fixed glass plates and lens
assembly
Base Material: Acrylic
Movement Components: Brass
Reading: Digital output

b) Digital Readout:

Range: 100 mm
Resolution: 0.01 mm
Display: LCD
Input: Mains operated 220V,
50Hz or 110V, 60Hz

c) 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



Reference : Lab Experiments Journal vol-13, No.1, Page-49



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3 Years manufacture's warranty

30 Years of innovative manufacturing