

Model: RILS-207/036

REFRACTIVE INDEX OF LIQUIDS & SOLIDS USING LASER

Experiment(s):

1. Determination of refractive index of liquids using Laser

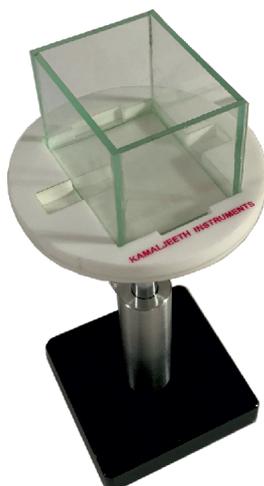
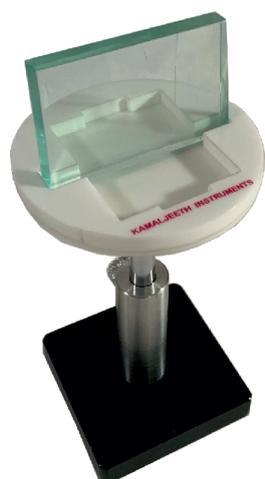
2. Determination of refractive index of solids using Laser

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

Reference : Lab Experiments Journal vol-8, No.3, Page-208



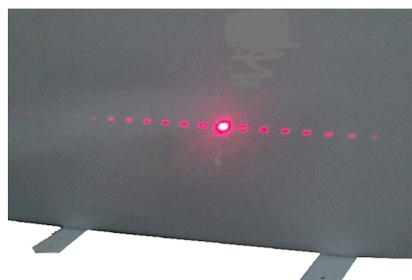
(a)



(b)



(c)



Experiment setup consists:

- Laser & power supply
- Glass slab and tank assembly
- Screen and measuring tape

Specifications:

a) Laser:

Type: Semiconductor diode Laser

Wavelength: 625 nm (Red)

Output power: 3 mW

Mount: Cast iron base with levelling screw

Power supply:

Output: Suitable for 3 mW & 5 mW semiconductor Lasers

Rated Input: 220 V/50 Hz

or 110 V/60 Hz

Mains cord: 2 pin

b) Glass slab and tank assembly

Height: Adjustable

Can accommodate slabs of different thickness

c) Screen and measuring tape

White metal screen

Measuring tape: 3 m



KAMALJEETH INSTRUMENTS

ESTD. 1990

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3 years manufacturing warranty