

Experiment(s):

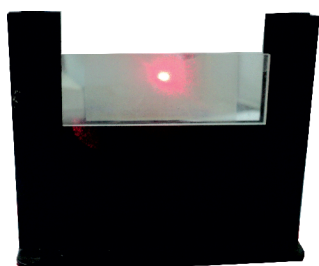
1. Determination of size of the particles

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

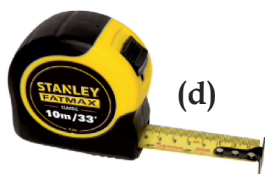
Reference : *Lab Experiments Journal vol-15, No.2, Page-115*



(a)



(b)



(d)



(c)

Experiment setup consists:

- a) Laser & power supply
- b) Lycopodium slide
- c) Lycopodium screen
- d) 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) Lycopodium slide

Lycopodium powder sandwiched between glass plates with a stand

c) Lycopodium screen

Acrylic semi transparent screen graduated in cm

d) Measuring Tape

Length: 3 m



KAMALJEETH INSTRUMENTS

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3 years manufacturing warranty