

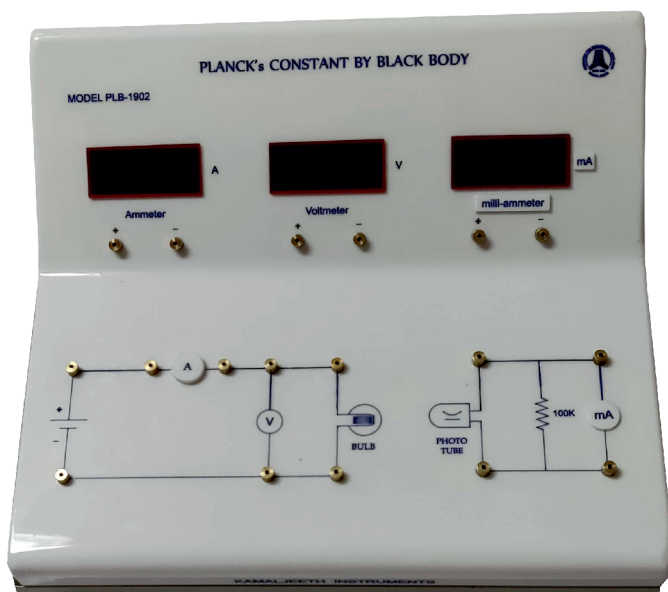
PLANCK'S CONSTANT BY BLACK BODY

Model: PLB-1902/123

Experiment(s):

1. Determination of Planck's constant by black body radiation

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



(a)



(b)

Experiment setup consists:

- a) Planck's constant by black body kit
- b) Photo tube chamber

Specifications:

a) Planck's constant by black body kit

Power supply:

Fixed voltage source

Voltmeter:

Range: 20 V

Resolution: 0.01 V

Ammeter:

Range: 2 A

Resolution: 0.001 A

Milli-Ammeter:

Range: 200 mA

Resolution: 0.1 mA

Rated Input: 220 V/50 Hz

or 110 V/60 Hz

Power Consumption: <50 W

Cabinet: Acrylic body, metal bottom

Connectors: 2 mm - 2 mm brass moulded patch cords

b) Photo tube Chamber

Photo Tube: GD-28

Filter: 555 nm fixed filter

Illumination: Tungsten filament light source

Rated Input: 220 V/50 Hz

or 110 V/60 Hz

Power Consumption: <30 W

Cabinet: Metal



KAMALJEETH INSTRUMENTS

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3 years manufacturing warranty