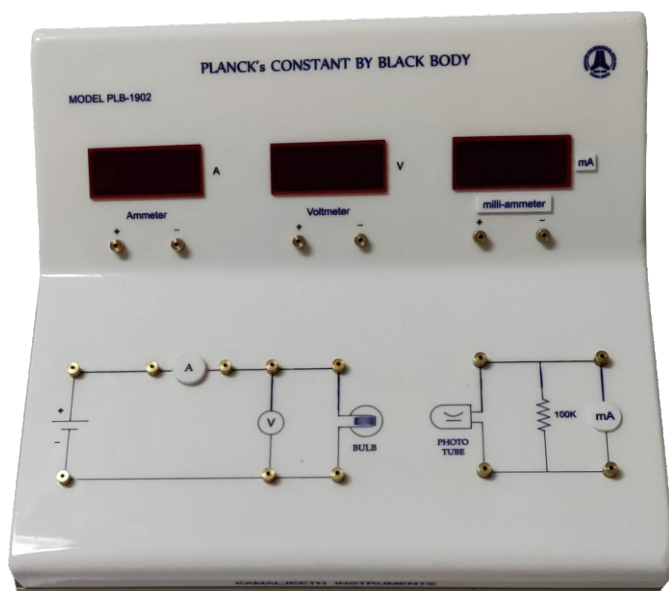


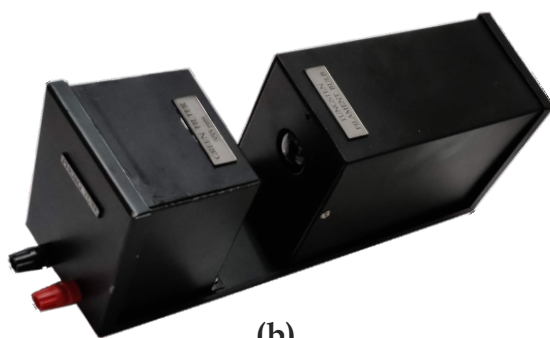
Experiment(s):

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) Experimental Kit
- b) Photo tube Chamber

Specifications:

Experimental Setup:

Power supply:

Fixed Voltage source

Voltmeter:

Range: 20V

Resolution: 0.01V

Ammeter:

Range: 2A

Resolution: 0.001A

Milli-Ammeter:

Range: 200mA

Resolution: 0.1mA

Power: AC 220V/50Hz or

AC 110V/60Hz

Power Consumption: <50W

Cabinet: Acrylic body, metal bottom

Connectors: 2mm-2mm Brass moulded patch cords

b) Photo tube Chamber

Photo Tube: GD-28

Filter: 555 nm fixed filter

Illumination: Tungsten Filament Light Source

Power: AC 220V/50Hz or

AC 110V/60Hz

Power Consumption: <30W

Cabinet: Metal

Reference : Lab Experiments Journal vol-13, No.3, Page-112



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