Model: PLA-301/122

PLANCK's CONSTANT USING EINSTEIN's EQUATION

Experiment(s):

1. Determination of Planck's constant using Einstein's equation

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

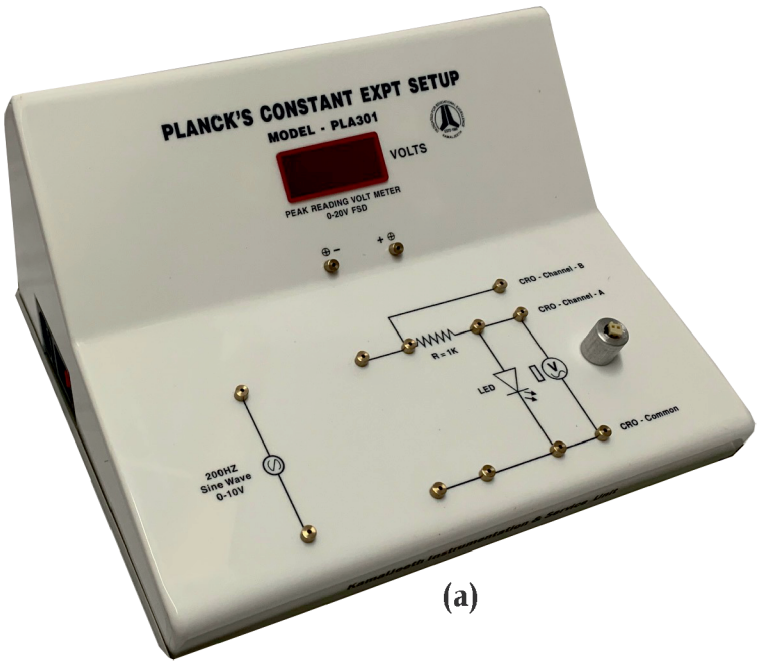
Reference : Lab Experiments Journal vol-4, No.1, Page-11

Experiment setup consists:

a) Planck's constant kit

b) Set of LEDs

c) Set of patch cords



(a)

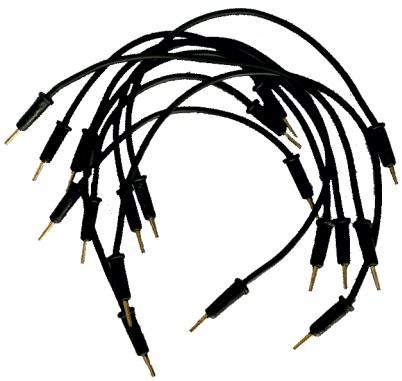
Specifications:

a) Planck's constant kit
Power supply: Fixed frequency sine wave 0-10 V
Voltmeter: Digital DC 3½ digit wideband (upto 200 KHz) peak reading meter
Range: 20 V
Resolution: 0.01 V
LED Mounting: External
Output: Via CRO and Voltmeter
Rated Input: 220 V/50 Hz
or 110 V/60 Hz
Power Consumption: <50 W
Cabinet: Acrylic body, aluminium bottom

b) Set of LEDs
Quantity: 5 different LEDs x 2 sets
LEDs of known wavelength:
4 LEDs in visible range and
1 Infrared LED

c) Connectors: 2mm-2mm brass moulded patch cords

(b)



(c)

KAMALJEETH INSTRUMENTS

ESTD. 1990

Address: No. 610, 5th main, 8th cross Tatanagar, Bangalore - 560092, INDIA
Website: **www.kamaljeeth.net**, Email: labexperiments@kamaljeeth.net

3 years manufacturing warranty