



55817 Experimental Set-up has been designed specifically for determination of Planck's constant by Vacuum type Photo Cell with three filters. The experimental set-up is absolutely self contained and require no other apparatus. Practical experience on this set up carries great educative value for Science and Engineering Students.

OBJECT

01 To determine Planck's constant by Vacuum Type Photo Cell with three filters.

FEATURES

The Experimental Set-up consists of following:

01 One board with following built in parts :

- 1.1 0-2V DC at 50mA Variable Power Supply.
- 1.2 Digital Panel meter $3\frac{1}{2}$ digits range 20uA.
- 1.3 Digital Panel meter $3\frac{1}{2}$ digits range 20volt.
- 1.4 Mains ON/OFF switch & fuse.

02 Lamp House : 100W Bulb with stand

03 Vacuum Type Photo Cell : Mounted in a Iron box.

04 Three different colour optical filters.

05 Lens double convex dia 50mm FL10cm with lens holder.

06 Three Heavy Duty Stands for Light Source, Vacuum Type Photo Cell and Double concave lens

07 Dimension : W 340 x H 125 x D 210

08 Adequate no. of patch cords stackable 4mm spring loaded plug length 50cm.

09 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.

10 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

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