

Product Name :

Determining Planck's Constant using Photo Vacuum Tube for Physics
Electric Labs

Product Code :

BSC-TR-41



Description :

Determining Plancks Constant using Photo Vacuum Tube - Photo Electric Cell and Light Source Provided.
Precise measurement current and voltage. Determining Planck Constant using Photo Vacuum Tube

Planck Constant Determination using Photo vacuum Tube illustrates the basic concept of the Quantum Mechanics. It helps to understand the phenomena of photon, its energy, frequency, etc. This product is mainly used to determine the fundamental constant of Quantum Mechanics called Planck constant. It is an effective and easy way to determine this constant. For the invention of Planck constant Max Planck is awarded by Nobel Prize in 1918. The setup consists of Photo Vacuum Tube, glass filters of different color, Variable DC supply, digital voltmeter and ammeter. Using this setup we can also calculate the energy of photon. Plancks constant relates the energy of light photons to their frequency.

Self contained

Photo Electric cell and Light Source provided

Precise measurement of current and voltage

Variable power supply (0-5 Volt)

Learning material CD

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