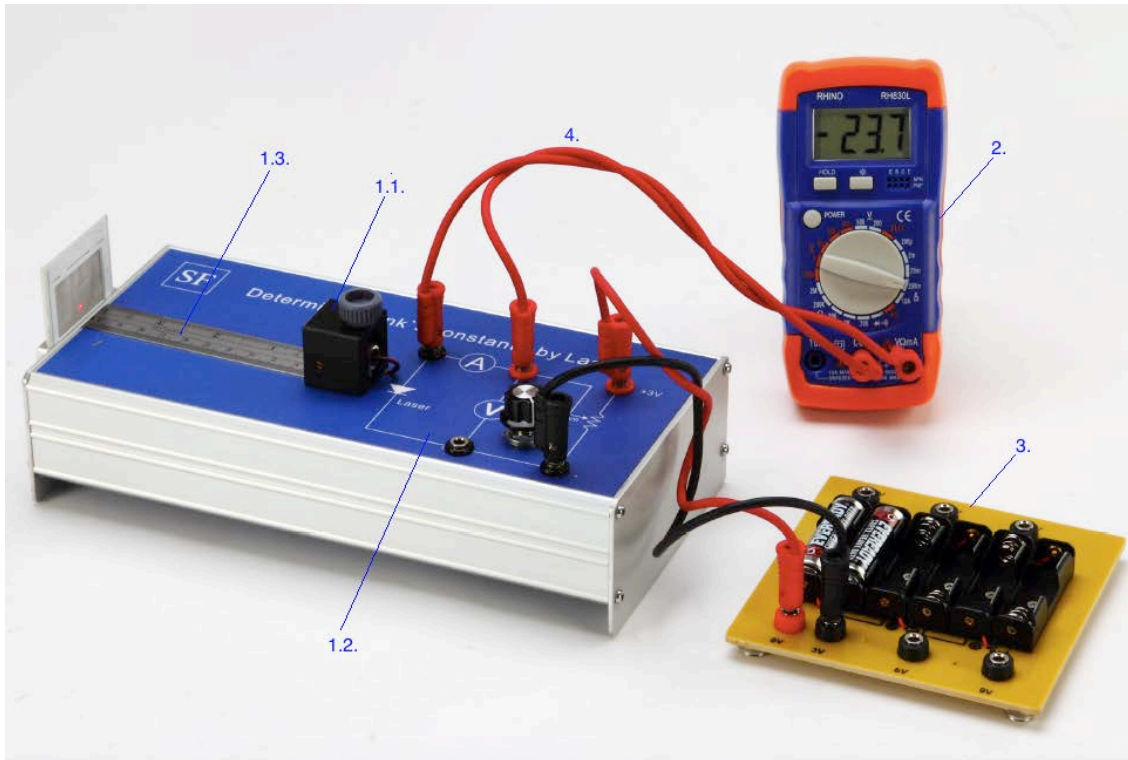


F22 Determine the Planck's Constant h by Laser



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Experiments:

1. Measure the Laser's wavelength by reflective diffraction or grid diffraction.
2. Utilize the V-I characteristic of diode Laser to find the emitted voltage.
3. Determining Planck's constant.

Specification:

1. Planck's Constant Apparatus
 - 1-1. Diode laser 3V/3mW wave length about 645nm with adjustable angle of depression stand x1
 - 1-2. Diode V-I characteristic curve module x1
 - 1-3. Steel ruler and metal reseau grating x1
 - 1-4. Aparatus combine in one aluminum box, size 25x12x6cm
- 2- Digital multiple meter x1
- 3- DC power supply holder 1.5V/3.0V/4.5V/6.0V/7.5V/9.0V x1
4. Connecting cable with plug x4