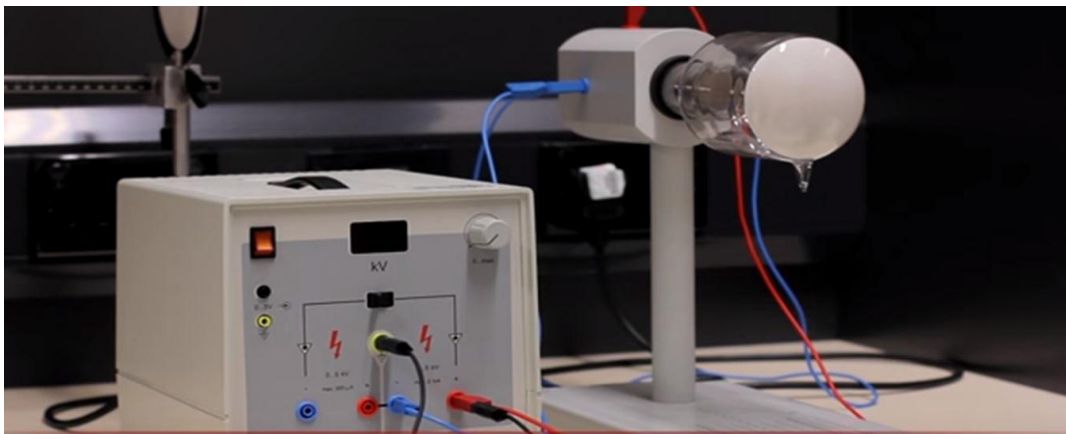


Modern physics lab

6) Dual nature of wave and particle Diffraction of electron in a polycrystalline lattice

Student's Name:

Student's Number:



Objective :

- To demonstrate the Wave Nature of the Electron and determination of wavelength of the electrons.

Equations:

Table:

$$(d_1 = 2.13 \times 10^{-10} m, \quad d_2 = 1.23 \times 10^{-10} m)$$

L=13.5cm

[illegible]