

Product Name :
Frank-Hurt Experiment Kit Franck-Heartz Apparatus

Product Code :
NLAB-SCHOOLABS17008



Description :

Frank-Hurt Experiment Kit Franck-Heartz Apparatus

Technical Specification :

Used in an experiment to study the discrete nature of electron energy. and energy levels according to Bohr's atomic model through the Frank-Hertz experiment. Inside the test kit there is a cathode tube filled with Argon gas. The experiment can be performed continuously for 8 hours. The test can be performed manually or displayed via an oscilloscope.

Features

Voltage difference – VG1K 1.3 – 5V

VG2A. (

Holding potential difference) 1.3 – 15V – VG2K (Acceleration potential difference) 0 – 100V

VH (Cathode voltage difference) 3, 3.5, 4, 4.5, 5, 5.5, 6.3V

Scanning voltage 0-50V

Scanning Frequency 115Hz +20Hz

Voltage Amplitude ϕ Scanning output ?1V

Measure current in 4 ranges, 10-9 – 10-6 A

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