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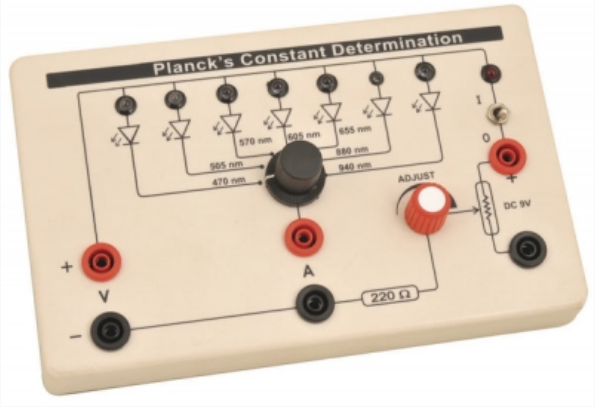
Plancks Constant Determination Box

Product Supply Code NELAB-21-A1005



DESCRIPTION

Plancks Constant Determination Box

SPECIFICATION

This apparatus is designed to determine the approximate value of Planck Constant using the elbow voltage in the characteristics curves of a number of LEDs.

There are seven LEDs covering from deep blue at 470 nm to near IR 940 nm mounted on the box with sockets for voltage and current measurements.

By monitoring the voltage at which each LED begins to emit light a graph of energy input as a function of light emitted frequency can be plotted and an approximate value of Planck Constant can be deduced.

External 9V power source or 9V battery and connecting leads required.

Enquiries and tender quotations
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