



55921B Inverse Square Law Demonstrator is an Optical Setup that describes the variation of light intensity with distance. The Inverse Square Law states that the illumination of a surface by a point source is Inversely proportional to the Square of the distance between the source and surface. Inverse Square Law Demonstrator consists of Optics Bench, Light Source, Photo detector for detecting the Intensity.

Features

1. Sliding stand with precise measurement
2. Light Source with height adjustment
3. One fixed stand and sliding stand is provided
4. Photo detector with height adjustable facility

Object

1. Verification of Inverse Square Law

Technical Specifications

Optics bench

Length	: 1m
Light Source	: Incandescent Lamp
Wattage	: 100W
Detector	: Photodiode
Optional	: Multimeter

