



# Divergence of LASER

Nvis 6006C



**Nvis 6006C Divergence of LASER** is an Optical setup helpful to identify characteristic of LASER beam. This product illustrates how the spreading of LASER beam enhances with respect to distance travelled in a medium. Nvis 6006C consists of Optics Bench and Measurement unit. The Measurement unit consists of variable DC power supply, voltage and current display. The Optics Bench consists of LASER source, Converging lens and Photo detector with distance measurement arrangement.

## Features

- Sliding stand with precise measurement
- Precise Voltage and Current measurement
- Microcontroller based LCD
- Provided with DC supply
- Online product tutorial

## Scope of Learning

- To determine the Divergence of LASER beam

## Technical Specifications

### Optics bench

Length : 1m

### Laser source

Wavelength : 630nm

Output : Less than 3mW

Battery : 1.5V (2 Nos.)

### Convex Lens

Type : Double Convex

Focal Length : 100mm, 150mm

Diameter : 50mm

**Detector** : Photodiode

**DC Power Supply** : 0-5V

**Mains Supply** : 230V +10%