

## IV-E2228C Michealson Interferometer



### Scope of Learning :

- DETERMINATION OF WAVELENGTH OF MONOCHROMATIC LIGHT BY

### About interferometer :

- This Model is mounted on a heavy iron base. It is most suitable for Educational Institution. Various Components are made from high precision machines, mounted on the aluminum base and the complete interferometer is mounted on a heavy cast iron base.
- It consists of beam splitter and compensator Plates mounted in an aluminum housing. It is fitted on the aluminum base at  $45^\circ$  to two reflecting mirrors. All flat optics used has flatness of at least  $1/4$  and are protected with a layer of silicon Monoxide coating. Least Count 0.01mm. It also consist of reading telescope of magnification 3x, fitted with Ramsden eyepiece & cross line graticule.20 x objectives with mount is also supplied with interferometer (incase of work with He-Ne Laser or Diode Laser).

### Required Accessories :

- Diode Laser 5mW
- Power Supply Unit
- Diode Laser Holding Stand (on Retort Stand Base-Metal)