

## IV-E2228A Michealson Interferometer



### Scope of Learning :

- DETERMINATION OF WAVELENGTH OF MONOCHROMATIC LIGHT BY MICHEALSON INTERFEROMETER

### 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 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 0.01 mm. 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 (in case of work with He-Ne Laser or Diode Laser).

### Required Accessories :

- Sodium Lamp 35W
- Sodium Transformer Unit
- Lamp Housing (Metal)