Fringes of Michelson Interferometer with He-Ne laser.

AGN-228B Principle and Working : When a coherent light beam enters into beam splitter, it is divided into two parts, thus two beams travel in different directions, are relected into each other through two mirrors forming interference patterns when they are combined and superimposed. In the present setup, measuring the wavelength of sodium light or He-Ne laser, using an equation: λ=2.D/n where, D is the total displacement whereas n is the number of intensity maxima counted. **Speciication :** Compensating plate (dimension) : 50x38x7mm Mirrors M1 and M2 : Diameter: 30mm dia, thickness: 10mm Flatness of beam splitter : ƛ/8 Laser : He-Ne laser Base dimension : 290x212x168m Beam splitter (dimension) : 50x38x7mm Least count of coarse adjustment knob : 0.01mm

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Product Description