



**Item Name :** Travelling Microscope

**Item Code :** 3124.2008.01

**Item Description :**

Traveling microscope with three axis measurement possibility, horizontal, vertical and right angled transverse motion. The instrument find applications include accurate determination of small variation in the liquid levels, determination of refractive index of liquids, surface tension, viscosity at a particular position the fine movement/measurement can be done by the micrometer head. The resolution of the fine movement is 10µm. 360 degree rotatable and lockable. A rack and pinion type focusing mechanism is attached to the microscope tube for focusing the object.

**Horizontal Movements**

- X direction : Micrometer Head • Coarse Travel : 150 mm
- Fine Travel : 25 mm • Resolution : 10 microns
- Y direction : Micrometer Head • Coarse Travel : 50 mm
- Fine Travel : 25 mm • Resolution : 10 microns

**Vertical Movement**

- Z direction : Micrometer Head • Coarse Travel : 130 mm
- Fine Travel : 25 mm • Resolution : 10 microns
- Rotation • Rotation : 360 degree (lockable)

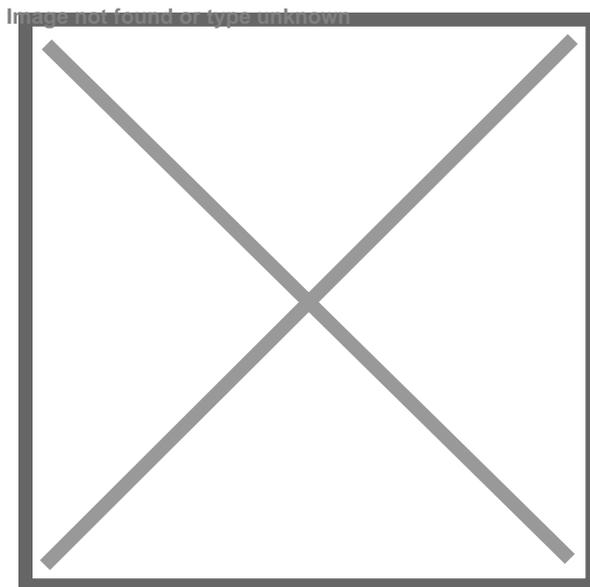
**Eyepiece**

- Magnification : 10 X • Focal Length : 25 mm
- Broadband AR coated • Cross hair reticle

**Objective**

- Achromatic Type • Magnification : 3 X • Focal length : 50mm
- Broadband AR coated • Base construction: Cast Aluminum
- Focusing : Manual, rack & p

**Item Image :**



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