

Product Code . EL-M-11000

## Laboratory Ore Microscope



### Description

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#### Laboratory Ore Microscope

**Transmitted illuminator:** Plano-concave mirror diameter 50mm mounted on gimble mount, interchangeable with sub-stage 15W lamp for 220V or 110V.

**Incident illuminator:** with pre-centred 20w tungsten hologen source and electric tranformer with intensity control input voltage 220v or 110 volts.

**Stage:** Compact ball-bearing rotating stage, 140mm diameter, graduated with vernier, lock and stage specimen clips.

**Objectives:** Achromatic, Semi-plan Objectives P-4x, P-10x and P-40x SL.

**Focusing:** Separate knobs are provided for coarse and fine focusing adjustments.

**Intermediate Tube:** Built-in slide out analyzer,  $\frac{1}{2}$ -Gypsum Plate,  $\frac{3}{4}$ -Mica Plate and Bertrand Lens. All slides are locked into the tube and can be inserted in the optical path as per requirement.

**Eyepieces:** Widefield Eyepiece WF-10x and H5 Cross & H10x micro.

**Polarizer:** Fully Rotatable Polarizer on strain free adobe-condenser N.A. 1.25 with iris-diaphragm.

**Compensator:**  $\frac{1}{2}$ -Gypsum Plate (1st order red compensating plate, 560 nanometers) and  $\frac{3}{4}$ -Mica Plate (145 nanometers).

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