



THE LAB EQUIPMENT

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**Product Name :**

Ore Polarising Microscope

**Product Code :**

SLE/M/42



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## Description :

### Technical Description:-

Microscope frame for transmission and reflection mode polarization microscopy with built-in filter holders .

### Plan achromatic, polarizing objectives with magnifications:-

4X POL N.A. 0.13 W.D. 17.0 mm

10X POL N.A. 0.3 W.D. 10.0 mm

20X POL N.A. 0.5 W.D. 2.1 mm

40X POL N.A. 0.75 W.D. 1.1 mm

Wide field 10X eyepiece (02 numbers), with double cross line focusable .

Minimum 22 mm

Fixed Trinocular Tube.

High Power LED Light with power supply .

High Power LED light with power supply Built in Transmitted light filters.

Minimum 4 position centrable & detachable nosepiece .

**Stroke:** Min 22mm. **Fine Stroke:** Min 100 $\mu$ m Minimum

Strain-free Polarizing condenser (Swing out type) .

Circular Rotatable and centerable 360° graduated mechanical stage, Polarizer slider for reflected illumination tube .

**CCD Sensor Size :** 2/3 inch

**Resolution:** 1920x 1080 pixels

**Pixel Size:** 3.45 X 3.45 $\mu$ m

Minimum 5 M Pixel Colored CCD Camera to be mounted on Trinocular tube with a suitable mounting adapter.

360° Rotatable with scale interval of 5° Wedge shaped, Measurement range 0 – 4°.