



THE LAB EQUIPMENT

Email : [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

Phone: +91-8759245890

**Product Name :**

Advance Research Polarising Microscope with  
Incident Light

**Product Code :**

SLE/M/33





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## Description :

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

Infinity Corrected.

### **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

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 100µm Minimum

Strain-free Polarizing condenser (Swing out type) .

Circular Rotatable and centerable 360° graduated mechanical stage,

Polarizer slider for reflected illumination tube .

360 Rotatable with scale interval of 5

Wedge shaped, Measurement range 0 – 4?

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

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

**Resolution:** 1920x 1080 pixels

**Pixel Size:** 3.45 X 3.45µm

**A/D Converter:** 12 bit

**Minimum exposure time:** 1ms or smaller

**Frame rate:** 15 frames per second fast communication with PC via USB Port.

Standard Imaging software with Image Acquisitions, Measurements, and Point or object detection. Having facility to align multiple images Together.