

# XP-148PL



Transmission polarizing microscope is a professional laboratory instrument which is the most commonly used in geology, minerals, metallurgy, material, etc, departments, and relative Universities and colleges. In recent years, with the advancing of optical technology, the polarizing microscope, an optical instrument, is to be used wider and wider, Transmission polarizing microscope is the very suitable product which provides users to do single-polarized light observation, orthogonal polarizing observation, cone-ray observation and microscopic photography. It can also configure attachment like test piece of gypsum  $1\lambda$ .mica  $1/4\lambda$ , quartz wedge, and mechanical stage, It is a high-quality novel instrument with more maturity functions.

| Specification      |  | Model |
|--------------------|--|-------|
|                    |  | 148PL |
| Viewing Head       | Compensation Free Binocular Head Inclined at $30^\circ$ (50mm75mm)   | ●     |
| Eyepiece           | WF10×/20mm   | ●     |
|                    | 10×Gridding Eyepiece   | ●     |
|                    | 10×eyepiece with reticule  | ●     |
| Nosepiece          | Quintuple Nosepiece with centering adjustable  | ●     |
| Objective          | Stress-free Infinity Plan Objective:4×,10×,25×,40×(s),63×(s)   | ●     |
| Stage              | Rotary Stage   | ●     |
|                    | Stage Size : 172mm   |       |
|                    | Moving Range : $360^\circ$   |       |
| Condenser          | Swing type N.A.1.25 Abbe condenser with iris diaphragm   | ●     |
| Testing Piece      | Gypsum $1\lambda$ testing piece  | ●     |
|                    | Mica $1/4\lambda$  | ●     |
|                    | Quartz wedge testing piece   | ●     |
| Focusing           | Coaxial coarse & fine focusing adjustment. With rack and pinion mechanism. Fine focusing scale value 0.002mm   | ●     |
| Illuminator        | High brightness fixed illumination   | ●     |
| Light Source       | Halogen Bulb 6V/30W.AC85V230V  | ●     |
|                    | Adjustable Brightness  |       |
| Checking Tool      | 0. 01mm Micrometer   | ●     |
| Optional Accessory | Eyepiece: WF16×、WF20×、P16×<br>1.3Mega、2.0Mega、3.0Mega、<br>5.0Mega Pixels CMOS Digital camera eyepiece<br>Stress-free objective:100×(s)Oil<br>Photography attachment and CCD Adapter0.5×、×0.57×、0.75× |       |