

## INTRODUCTION:

**PL - 70** polarizing microscope is for the field of metallurgy, geology and minerals. polarizing microscope is with gypsum ( $\lambda$ ), mica ( $\lambda/4$ ) sample, quartz wedge and attachable mechanical stage. It is an ideal instrument that has perfect function and quality. transmitting/reflecting polarizing microscope is perfect in optical and mechanical quality, and it can be used in observing even, non-even, transparent, non-transparent mineral sample.



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## FEATURES:

1. Transmitting and Reflected Illumination
2. Center-Adjusted round stage
3. Different Analyzer and Polarizer can be chosen



## Specification

<b>Viewing Head</b>	Seidentopf Type Trinocular Head, Inclined 30°, Interpupillary Distance: 50–75mm.	
	Interpupillary Adjustable Distance is 50–75mm	
	Diopter Adjustable Range $\pm 5^\circ$	
	Anti-fungal Systems	
<b>Eyepiece</b>	WF10X/20mm, WF10X/20mm (Reticle 0.1mm)	
<b>Nosepiece</b>	Quintuple Click-stop Revolving Mechanism with Multiple Ball Bearing	
<b>Polarizing Unit</b>	Rotatable 360° (Module Type, can be locked)	
<b>Bertrand Lens</b>	Inbuilt, Center Adjustable	
<b>Slip</b>	$\lambda$ , First Class Red	$1/4 \lambda$
<b>Quartz Wedge</b>	(   - V Class)	
<b>Objective</b>	Non-stress Infinite Plan Objectives: 4X, 10X, 20X(S), 40X(S), 60X(S)	
<b>Revolving Round Stage</b>	Rotatable 360°, Center Adjustable, Division 1° , Vernier Division 6	
<b>Condenser</b>	Abbe Type N. A. 1.25, Non-stress	
<b>Polarizing Unit with Scale</b>	Rotatable 360° (can be locked)	
<b>Koehler Illumination</b>	6V/20W Halogen Lamp	
<b>Reflecting Polarizing Unit</b>	Halogen Lamp House 12V/50W	
	Power House	
	Diaphragm Choosing Slide	
	Polarizer Choosing Slide	

## Standard Accessory

- |                             |                            |
|-----------------------------|----------------------------|
| * 6V/20W Spare Halogen Lamp | * BGX 1–20(0.5A) Fuse      |
| * Immersion Oil             | * Blue Ground Glass Filter |
| * Dust Cover                | * English Manual           |

## Optional Accessories

- |   |  |
|---|--|
| * Trinocular Head with C-MOUNT 0.5X, 1.0X                       | * Polarizing Attached Mechanical Stage     |
| * Eyepiece: WF16X, WF10X with Pointer, WF10X with 0.1mm Reticle | * Adaptor for Digital Camera (CANON AE630) |
| * Filter (Blue, Amber, Green, Neutral)                          | * Microscopy Camera Eyepiece               |