

**GIPPO
JAPAN**

POL 100

BASIC POLARIZATION MICROSCOPE



POL 100 SERIES

POLARIZING MICROSCOPE

POL 100 is extremely useful for Iatrology and industry fields.

This microscope is good at identifying crystals suspended in liquid, identifying minerals in core samples, detecting defects in semiconductors and finding stress points in metal as well as glass and other materials.

Specification		POL 100M	POL 100B	POL 100T
Optical System	Finity Optical System	●	●	●
Viewing Head	Monocular head, 45° inclined, 360° rotatable	●		
	Seidentopf binocular head, interpupillary distance 55~75mm		●	
	Seidentopf trinocular head, Interpupillary distance 55~75mm			●
Eyepiece	WF10X/18mm	●●	●●	●●
	WF15X/13mm, WF20X/11mm	○	○	○
Nosepiece	Triple nosepiece with positive click stopper			
	Quadruple nosepiece with positive click stopper	●	●	●
Objective	Achromatic objective 4X/0.10, 10X/0.25, 40X (S)/0.65, 100X (S,Oil)/1.25	●	●	●
	Achromatic objective 60X (S)/0.85	○	○	○
Stage	Diameter 135mm, 360° Rotatable and Graduated in 1° Increments, Minimum Resolution 6' when Using Venire Scale, Center Adjustable	●	●	●
	Metal stage 127×132mm with paired clips	○		
	Built-in mechanical stage 125×130mm with specimen holder, controlled by coaxial knobs at low position	○	○	○
	Built-in mechanical stage 155×142mm with specimen holder, controlled by coaxial knobs at low position		○	
Focus	Coaxial fine and coarse focusing, with safe rack stopper	●	●	●
	Separate fine and coarse focusing with safe rack stopper	○	○	○
Condenser	NA1.25 Abbe Condenser with polarize, can rotate, take the scale	●	●	●
	NA.1.25 Abbe Condenser with iris diaphragm	○	○	○
Illumination	Halogen bulb 6V×20W.AC85~230V	●	●	●
	LED lamps, Ni-Cd rechargeable battery pack,an AC/DC adaptor. The brightness is adjustable	○		
Analyzer	Built-in analyser group	●		
	Plug-type analyser group		●	●
Option	Movable specimen holder	○	○	○
	Photo set			○
	Phase contrast set	○	○	○
	Dark field condenser set	○	○	○
	Photo adaptor			○

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