

# Polarizing Microscope

Model: G508



- SEIDENTOPF BINOCULAR HEAD WITH WF10X PAIRED EYEPIECES
- 4X, 10X, 20X, 40X PLAN ACHROMAT OBJECTIVES
- INTERMEDIATE TUBE WITH BERTRAND LENS, AND FULL ANALYZER SET
- 160MM CIRCULAR GRADUATED STAGE, 10 SCALE
- KOEHLER LED ILLUMINATION



The G508 Polarizing Binocular Microscope is a specialized instrument designed for detailed analysis of anisotropic materials, offering precise observation and analysis of crystalline structures, minerals, fibers, and more. It features a Siedentopf binocular head with WF10X eyepieces (one with a reticle) for comfortable and accurate viewing. 1 A 4-place nosepiece holds stress-relieving Plan objectives (4X, 10X, 20X, and 40X) that minimize internal strain for optimal polarization results. 2 The integrated midstage head includes a Bertrand lens for conoscopic observation of interference figures, along with a full wavelength plate, quarter wavelength plate, and quartz wedge for advanced polarization analysis. 2 A 160mm diameter revolving stage with 10 scales, 6' precision, and a 0.01mm micrometer allows for precise specimen rotation and measurement. 2 The polarizer and analyzer are both 360° rotatable with 20 scales and 6' precision, providing complete control over the polarization of light. 2 Kohler LED illumination with adjustable intensity ensures optimal lighting conditions for various samples. 3 The microscope's universal power input (90V-240V) provides compatibility worldwide. 2 This microscope is ideal for geological studies, material science, chemical analysis, and other applications requiring polarized light microscopy.



**LIFETIME**  
**LIMITED WARRANTY**



## ADDITIONAL INFORMATION

TOP SELECTION	No
<b>ACCESSORIES</b>	<b>Bodies</b>
	G500-3004 SEIDENTOPF BINOCULAR BODY WITHOUT EYEPIECES FOR G500 SERIES MICROSCOPE
	G500-3005 SEIDENTOPF TRINOCULAR BODY, 30 DEGREE INCLINED WITHOUT EYEPIECES FOR G500 SERIES MICROSCOPE
	<b>Optics</b>
	G500-1402 10X HIGH EYEPOINT WIDEFIELD EYEPIECE FN18
	G500-1403 10X HIGH EYEPOINT WIDEFIELD EYEPIECE FN18 WITH POINTER
	G500-1404 10X HIGH EYEPOINT WIDEFIELD EYEPIECE FN18 WITH RETICULE
	G500-1405 15X WIDEFIELD EYEPIECE, FN13
	G500-1407 20X EYEPIECE FN10
	G500-1501 10X WIDEFIELD EYEPIECE, FN20
	G500-2101 4X ACHROMATIC OBJECTIVE, NA0.10
	G500-2102 10X ACHROMATIC OBJECTIVE, NA0.25
	G500-2103 40X ACHROMATIC OBJECTIVE, NA0.65
	G500-2104 100X ACHROMATIC OBJECTIVE, NA1.25
	G500-2301 4X PLAN ACHROMATIC OBJECTIVE DIN, NA0.10
	G500-2302 10X PLAN ACHROMATIC OBJECTIVE DIN, NA0.25
	G500-2303 40X PLAN ACHROMATIC OBJECTIVE DIN, NA0.65
	G500-2304 100X PLAN ACHROMATIC OBJECTIVE DIN, NA1.25
	G500-2305 20X PLAN ACHROMATIC OBJECTIVE DIN, NA0.40
	G500-2432 10X PLAN PHASE DIN OBJECTIVE, NA: 0.25
	G500-2433 40X PLAN PHASE DIN OBJECTIVE, NA: 0.65
	G500-2434 100X PLAN PHASE DIN OBJECTIVE, NA: 1.25
	G500-2435 20X PLAN PHASE DIN OBJECTIVE, NA: 0.50



	G500-2831	4X PLAN ACHROMATIC OBJECTIVE DIN, NA0.10 FOR G508 POLARIZING MICROSCOPE
	G500-2832	10X PLAN ACHROMATIC OBJECTIVE DIN, NA0.25 FOR G508 POLARIZING MICROSCOPE
	G500-2833	40X PLAN ACHROMATIC OBJECTIVE DIN, NA0.65 FOR G508 POLARIZING MICROSCOPE
	G500-2835	20X PLAN ACHROMATIC OBJECTIVE DIN, NA0.40 FOR G508 POLARIZING MICROSCOPE
	G500-2837	60X PLAN ACHROMATIC OBJECTIVE DIN, NA0.85 FOR G508 POLARIZING MICROSCOPE
	<b>Miscellaneous Accessories</b>	
	G500-5001	MECHANICAL STAGE WITHOUT ABBE CONDENSER FOR G500(STAGE SIZE 150X140MM, MOVEMENT RANGE 76X50MM)
	G500-6001	ABBE CONDENSER N.A. 1.25 W/ IRIS DIAPHRAGM FOR G500 SERIES
	G500-6010	BLUE FILTER, DIAMETER 32MM (REF: XS-FCB)
	G500-6011	GREEN FILTER, DIAMETER 32MM
	G500-6012	YELLOW FILTER, DIAMETER 32MM (REF: XS-FCY)
	G500-6013	NUETRAL FILTER, DIAMETER 32MM (REF: XS-FCF)
	G500-8001	DUST COVER FOR G500 MICROSCOPE
	G500-8031-1	PHASE ANNULUS SLIDER FOR USE WITH 10X AND 40X PLAN PHASE SET
	G500-8032-1	PHASE ANNULUS SLIDER FOR 20X AND 100X PLAN PHASE
	G500-8033	PHASE CONTRAST CENTERING TELESCOPE
	G500-8041	DARKFIELD SLIDER FOR USE WITH 4X TO 40X POWER OBJECTIVES
	G500-9005	FUSE 250V/3.15+B352A FOR G500 MICROSCOPE
<b>SPECIFICATION</b>	<b>Head</b>	Binocular
	<b>Eyepiece</b>	10X WF(2)Hi-EP
	<b>Objectives</b>	4,10,40,100X Plan
	<b>Condenser</b>	NA 1.25
	<b>Diaphragm</b>	Iris



	<b>Stage</b>	Mechanical
	<b>Illumination</b>	3 Watt LED
	<b>Focusing</b>	Coaxial
<b>SIZE AND WEIGHT</b>	<b>Actual Size</b>	16"H x 6"W x 12"D
	<b>Shipping Dimension</b>	21"L x 19"W x 10"H
	<b>Net Weight</b>	14.5 lbs
	<b>Shipping Weight</b>	19 lbs
<b>WARRANTY</b>		1 years

