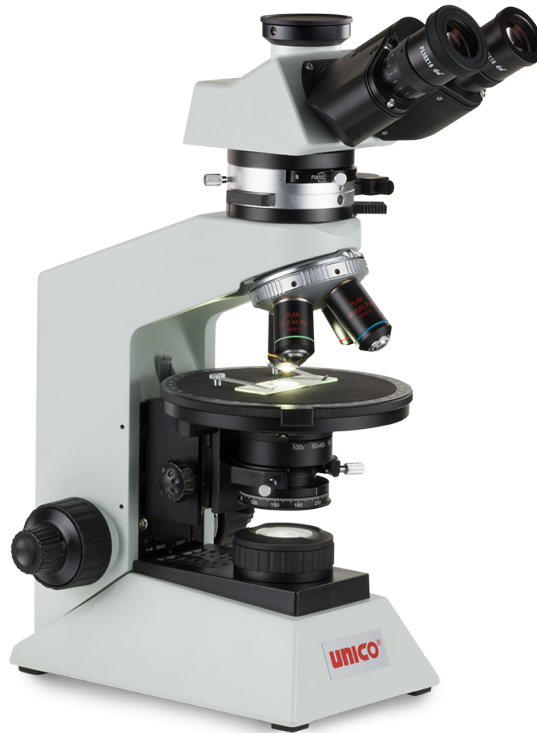
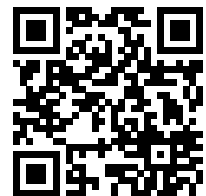


# Polarizing Microscope

Model: G508T



- SEIDENTOPF TRINOCULAR 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 G508T Polarizing Trinocular Microscope is a highly specialized instrument designed for advanced analysis and documentation of anisotropic materials using polarized light. This microscope is ideal for applications in geology, mineralogy, materials science, and more. It features a Siedentopf trinocular head, allowing for comfortable binocular viewing and simultaneous connection to a camera for photomicrography and digital documentation. The microscope includes WF10X wide-field eyepieces (one with a reticle) for precise measurements. A 4-position nosepiece holds strain-free Plan objectives (4X, 10X, 20X, and 40X) that minimize internal stress, crucial for accurate polarization results. The integrated midst head houses 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. A 160mm diameter revolving stage with 10 scales, 6' precision, and a 0.01mm micrometer allows for precise specimen rotation and measurement. Both the polarizer and analyzer are 360° rotatable with 20 scales and 6' precision, providing complete control over light polarization. Kohler LED illumination with adjustable intensity ensures optimal lighting for various samples. The microscope's universal power input (90V-240V) provides compatibility worldwide. This powerful tool is perfect for researchers, educators, and professionals requiring precise polarized light microscopy and image capture.



**LIFETIME**  
LIMITED WARRANTY



ADDITIONAL INFORMATION

| TOP SELECTION | No                                                                                                    |
|---------------|-------------------------------------------------------------------------------------------------------|
| ACCESSORIES   | <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                       |
|               | Miscellaneous Accessories |                                                                                                |
|               | 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                                                       |
| SPECIFICATION | Head                      | Trinocular                                                                                     |
|               | Eyepiece                  | 10X WF(2)Hi-EP                                                                                 |
|               | Objectives                | 4,10,40,100X Plan                                                                              |
|               | Condenser                 | NA 1.25                                                                                        |
|               | Diaphragm                 | Iris                                                                                           |



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

