Polarizing Microscope

Product Images

Short Description

1. SEIDENTOPF BINOCULAR HEAD WITH WF10X PAIRED EYEPieces
2. 4X,10X,20X,40X PLAN ACHROMAT OBJECTIVES
3. INTERMEDIATE TUBE WITH BERTRAND LENS, AND FULL ANALYZER SET
4. 160MM CIRCULAR GRADUATED STAGE, 10 SCALE
5. KOEHLER LED ILLUMINATION
Description

G500 Polarizing Microscopes are full-featured, and LED illuminated. Designed with a round 360° rotating stage, graduated in one-degree increments and filters for full crystal visualization. G500’s features a unique combination system of Graduated Iris Diaphragm mounted in the Condenser, paired with a Graduated Koehler Field Iris built into the Illuminator housing. These features along with an intensity rheostat allow for maximum illumination control.

Polarization system consists of a 360° rotating round stage, 360° rotatable polarizer, 360° rotatable analyzer, three Compensator Plate sliders (Gypsum, Mica & Quartz) and a swing-out Intermediate Tube Analyzer (90°). The G500 Series Advanced Microscopes are full-featured, versatile and scalable. Designed for users who applications require them to spend extended time viewing through the microscope. An LED illuminated series with options ranging from standard Brightfield, to Phase Contrast, Polarizing and Epi-Fluorescence.
## Accessory  
**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  

## Optics  
**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  
**G500-1406** 10X PLAN ACHROMATIC OBJECTIVE DIN, NA0.25  
**G500-1407** 10X PLAN PHASE DIN OBJECTIVE, NA 0.25  
**G500-1408** 10X PLAN PHASE DIN OBJECTIVE, NA 0.36  
**G500-1409** 10X PLAN PHASE DIN OBJECTIVE, NA 1.25  
**G500-1410** 20X EYEPIECE FN10  
**G500-1411** 10X WIDEFIELD EYEPIECE, FN20  
**G500-1412** 4X ACHROMATIC OBJECTIVE, NA0.10  
**G500-1413** 10X ACHROMATIC OBJECTIVE, NA0.25  
**G500-1414** 40X ACHROMATIC OBJECTIVE, NA0.65  
**G500-1415** 100X ACHROMATIC OBJECTIVE, NA1.25  
**G500-1416** 20X PLAN PHASE DIN OBJECTIVE, NA0.40  
**G500-1417** 4X PLAN ACHROMATIC OBJECTIVE DIN, NA0.10 FOR G508 POLARIZING MICROSCOPE  
**G500-2831** 4X PLAN ACHROMATIC OBJECTIVE DIN, NA0.10 FOR G500 MICROSCOPE  
**G500-2832** 10X PLAN ACHROMATIC OBJECTIVE DIN, NA0.25 FOR G500 MICROSCOPE  
**G500-2833** 40X PLAN ACHROMATIC OBJECTIVE DIN, NA0.65 FOR G500 MICROSCOPE  
**G500-2834** 20X PLAN ACHROMATIC OBJECTIVE DIN, NA0.40 FOR G500 MICROSCOPE  
**G500-2835** 60X PLAN ACHROMATIC OBJECTIVE DIN, NA0.85 FOR G500 MICROSCOPE  
**G500-2836** 10X PLAN PHASE DIN OBJECTIVE, NA 0.94  
**G500-2837** 100X PLAN PHASE DIN OBJECTIVE, NA 1.25  
**G500-2838** 100X PLAN PHASE DIN OBJECTIVE, NA 0.94  

## 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 (REF: XS-FCG)  
**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  
**G500-8050** EPI-FLUORESCENT ATTACHMENT FOR G500 INCLUDING 10X 20X 40X 100X PLAN OBJECTIVES, BLUE (B3) AND GREEN (G3) AND UV FILTERS, INCIDENT 100W MERCURY ILLUMINATOR AND POWER SUPPLY UNIT  
**G500-8051** 100W MERCURY BULB FOR EPI FLUORESCENT MICROSCOPE G506  
**G500-8052** UV3 FILTER CUBE FOR G506 EPI FLUORESCENT MICROSCOPE (365EX/400DLP/430EMLP)  
**G500-8053** B3 BLUE FILTER CUBE FOR G506 EPI FLUORESCENT MICROSCOPE (475EX/505DLP/520EMLP)  
**G500-8054** G3 GREEN FILTER CUBE FOR G506 EPI FLUORESCENT MICROSCOPE (525EX/560DLP/595EMLP)  
**G500-9005** FUSE 250V/3.15+B352A FOR G500 MICROSCOPE  

## Specification  
**Head** Binocular  
**Eyepiece** 10X WF20-HP  
**Objectives** 4, 10, 40, 100X Plan  
**Condenser** NA 1.25  
**Diaphragm** Iris  
**Stage** Mechanical  
**Illumination** 3 Watt LED  
**Focusing** Coaxial  
**Size and Weight**  
- Actual Size: 16"H x 6"Wx 12"D  
- Shipping Dimension: 21"L x 19"W x 10"H  
- Net Weight: 14.5 lbs  
- Shipping Weight: 19 lbs