

# Phase Microscope

Model: G505T



- SEIDENTOPH TRINOCULAR HEAD
- WF10X EYEPIECE PAIRED
- 10X,20X,40X,100X PLAN PHASE OBJECTIVES
- MECHANICAL STAGE WITH ABBE CONDENSER AND PHASE ANNULUS SLIDERS
- KOHLER LED ILLUMINATION



The G505T Phase Contrast Trinocular Microscope is a powerful instrument designed for advanced microscopic observation and documentation of unstained or transparent specimens. 1 It features a Siedentopf trinocular head, allowing for comfortable viewing and simultaneous connection to a microscope camera for capturing images and videos. 1 Paired 10X wide-field eyepieces provide a comfortable viewing experience. 1 The set of Plan Phase objectives (10X, 20X, 40X, and 100X), combined with the 10X/40X and 20X/100X phase annuli, delivers high-resolution, high-contrast images, revealing intricate details invisible with standard brightfield microscopy. 1 A precise mechanical stage facilitates smooth and accurate specimen positioning. 2 Kohler LED illumination with intensity adjustment ensures optimal lighting for phase contrast microscopy. 3 The universal 90V-240V power input provides global compatibility. This microscope is ideally suited for demanding applications in biology, microbiology, cell culture, and other fields where visualizing unstained specimens is essential for research and analysis.



## 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  |



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|                      | 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>                      | Trinocular   |
|                      | <b>Eyepiece</b>                  | 10X WF(2)Hi-EP   |
|                      | <b>Objectives</b>                | 4,10,40,100X Plan Phase 4X Brightfield   |
|                      | <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"Wx 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            |

