

OLYMPUS®

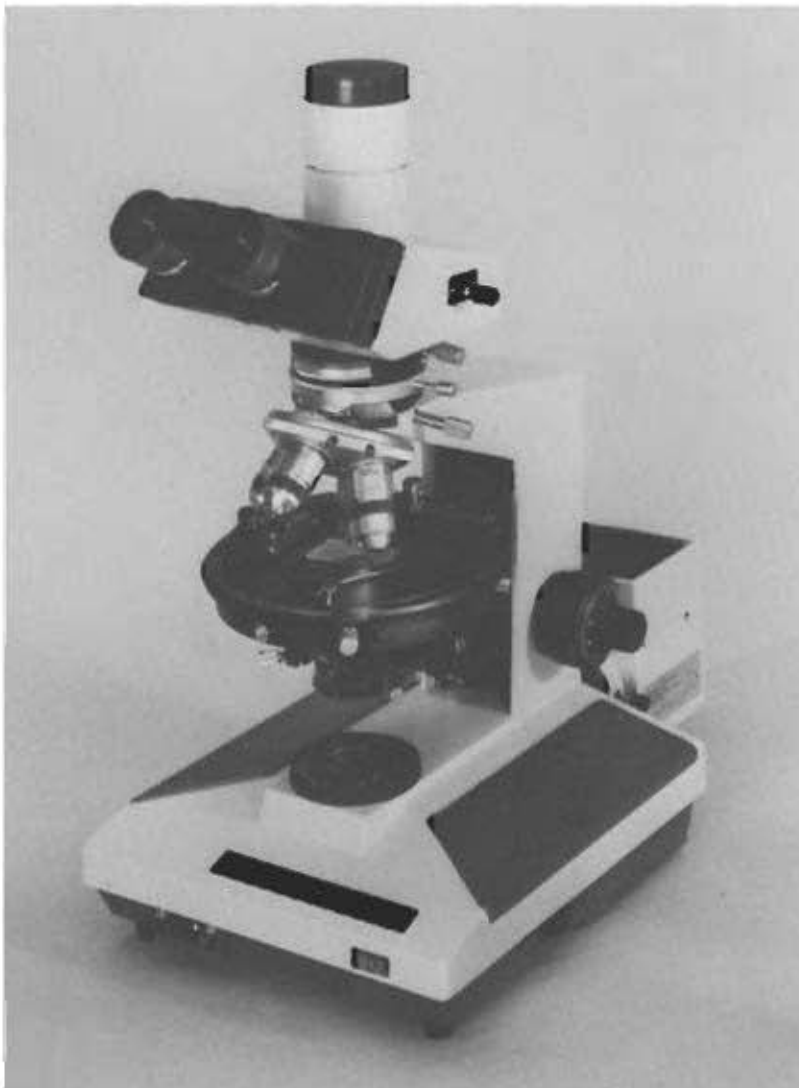
PRECISION

INSTRUMENT

DIVISION

*This is a scan by J. G. McHone 20Feb09
for personal use only, not for sale*

PRICE NOTICE!
PRICES ARE SUBJECT TO CHANGE,
AND THESE PRICES MAY NOT BE
CURRENT. PLEASE CHECK WITH
YOUR OLYMPUS DEALER/REPRESENTATIVE
FOR PRICE ACCURACY



BHSP

BHTP

CHSP

**POLARIZING MICROSCOPES
INCLUDING REFLECTED/
TRANSMITTED LIGHT
CONFIGURATION**

PRICES AND SPECIFICATIONS

EFFECTIVE: AUGUST 1, 1992
MINIMUM ORDER: \$50.00

TERMS: 30 DAYS NET, FOB LAKE SUCCESS, NY
ALL PRICES AND SPECIFICATIONS SUBJECT
TO CHANGE WITHOUT NOTICE.

OLYMPUS CORPORATION
PRECISION INSTRUMENT DIVISION
4 NEVADA DRIVE
LAKE SUCCESS, NY 11042-1179
(516) 488-3880
1-800-446-5967

| CATALOG NO. | PRODUCT DESCRIPTION | SUGG. LIST PRICE |
|---|---|------------------|
| POLARIZED LIGHT RESEARCH MICROSCOPE BHSP-100 WITH PO D ACHROMAT OBJECTIVES | | |
| BHSP-003 | Research Polarizing Microscope Stand BHSP-F. Modular design, dovetail mount to accept 4 position centerable polarizing or regular 5 or 6 position nosepiece. Observation tube mount permits 360 degree rotation about the vertical axis. Ergonomically designed controls with hand rests. Coaxial coarse and fine focusing system with a range of 30mm. Fine focus knob graduated in 2 micron increments. Adjustable coarse focus lock and tension control. Built-in Koehler type illumination with graduated field iris diaphragm. On-Off switch, 12V/100W thyristor controlled continuously variable power supply in base, with LED voltage display; with in-base adjustable light intensity pre-setting switch for optimal photomicrographic illumination. Dustcover, immersion oil, grounded connecting cord instruction manual and warranty card included. Dimensions: 250mm wide X 390mm deep X 410mm high. | \$2,294.00 |
| 3-LC553 | Trinocular Observation Tube BH2-TR30: Parallel eyepiece tubes, inclination 30 degrees. Vertical phototube with built-in Olympus camera mount. Three position light path selector 100% observation, 20%/80% observation/photo or 100%,photo. High transmission coated prisms. Interpupillary distance adjustment 53mm-75mm. Automatic tube length compensation. Left eyepiece tube with diopter control +/-5 diopters, right eyepiece tube notched to position focusing eyepiece. Rotatable 360 degrees. | 1,107.00 |
| P-0510 | Quadruple Revolving Nosepiece BH-PRE: With three individual objective centering positions, one precentered position, and pair of centering wrenches. | 459.00 |
| P-L0501 | Polarizing Intermediate Attachment BH2-PA: Slide-out filter analyzer, rotatable through 180 degrees. Swing-out focusing Bertrand lens. Quartz plate depolarizer. Orientation test specimen. Pinhole cap. | 1,272.00 |
| 4-P703 | Circular Rotating and Centering Stage BH2-SRP: 165mm diameter, graduated 360 degrees, with vernier reading to 0.1 degree. With two centering knobs, lever to set 45 degree click stops, click-stop setting to start at any given position. Centerable condenser holder with rack and pinion control, attached below stage. Stage insert with 22mm diameter aperture. Two stage clips. (Drilled and tapped to accept A-FMP attachable mechanical stage). | 1,434.00 |
| 4-P102 | Attachable Mechanical Stage AH-FMP with top-mount controls. For standard and half-size specimen slides. | 383.00 |
| 6-P609 | BH2-POC Polarizing Condenser: N.A. 0.9/0.25, with swing-out top element. Built-in filter polarizer, rotatable and graduated through 360 degrees. Knob for fine adjustment of 0 degree position, and click-stop on 0 degree position. Aperture iris diaphragm. | 785.00 |
| 1-LB223 | PO D Achromat 4X, N.A. 0.10, dry, strainfree. | 136.00 |
| 1-LB233 | PO D Achromat 10X, N.A. 0.25, dry, strainfree. | 213.00 |
| 1-LB241 | PO D Achromat 20X, N.A. 0.40, dry, strainfree, spring-loaded. | 265.00 |
| 1-LB251 | PO D Achromat 40X, N.A. 0.65, dry, strainfree, spring-loaded. | 318.00 |

| CATALOG NO. | PRODUCT DESCRIPTION | SUGG. LIST PRICE |
|---|---|------------------|
| POLARIZED LIGHT RESEARCH MICROSCOPE BHSP-100 WITH PO D ACHROMAT OBJECTIVES (Continued) | | |
| 2-LC321 | WHK10X, high eyepoint widefield compensating eyepiece, F.N. 20, single. | \$ 118.00 |
| 2-LB320 | WHK10X, widefield high eyepoint compensating focusing eyepiece with crosshairs, F.N. 20, single. | 239.00 |
| 2-LB321 | WHK10X-M, widefield high eyepoint compensating focusing eyepiece with crosshairs and scale, F.N. 20, single. | 239.00 |
| P-0306 | Compensator Plate AH-TP530-2: Full wavelength retardation (gypsum, first order red, 530nm). | 231.00 |
| P-0307 | Compensator Plate AH-TP 147-2: 1/4 wavelength retardation (mica, 147.3nm). | 181.00 |
| 5-LC112 | BHS-LSH Lamp housing 100 WATT halogen: Consisting of collector lens B2-CLS and lamp housing B2-HLH, including one filter holder ABO898. | 250.00 |
| 8-C406 | 12V 100W Halogen bulb for BH-LSRH-W. (2 @ 25.00). | 50.00 |
| 9-B305 | Filter, DB-80 daylight blue, clear, 45mm. | 13.00 |
| BHSP-100 | Olympus Polarized Light Research Microscope Model BHSP, with PO D Achromat objectives, complete as described above. | 9,897.00 |
| POLARIZED LIGHT RESEARCH MICROSCOPE BHSP-200 WITH PO D PLAN ACHROMAT OBJECTIVES | | |
| BHSP-003 | Research Polarizing Microscope Stand BHSP-F. Modular design, dovetail mount to accept 4 position centerable polarizing or regular 5 or 6 position nosepiece. Observation tube mount permits 360 degree rotation about the vertical axis. Ergonomically designed controls with hand rests. Coaxial coarse and fine focusing system with a range of 30mm. Fine focus knob graduated in 2 micron increments. Adjustable coarse focus lock and tension control. Built-in Koehler type illumination with graduated field iris diaphragm. On-Off switch, 12V/100W thyristor controlled continuously variable power supply in base, with LED voltage display; with in-base adjustable light intensity pre-setting switch for optimal photomicrographic illumination. Dustcover, immersion oil, grounded connecting cord instruction manual and warranty card included. Dimensions: 250mm wide X 390mm deep X 410mm high. | 2,294.00 |
| 3-LC553 | Trinocular Observation Tube BH2-TR30: Parallel eyepiece tubes, inclination 30 degrees. Vertical phototube with built-in Olympus camera mount. Three position light path selector 100% observation, 20%/80% observation/photo or 100%,photo. High transmission coated prisms. Interpupillary distance adjustment 53mm-75mm. Automatic tube length compensation. Left eyepiece tube with diopter control +/-5 diopters, right eyepiece tube notched to position focusing eyepiece. Rotatable 360 degrees. | 1,017.00 |
| P-0510 | Quadruple Revolving Nosepiece BH-PRE: With three individual objective centering positions, one precentered position, and pair of centering wrenches. | 459.00 |

| CATALOG NO. | PRODUCT DESCRIPTION | SUGG. LIST PRICE |
|--|---|------------------|
| POLARIZED LIGHT RESEARCH MICROSCOPE BHSP-200 WITH PO D PLAN ACHROMAT OBJECTIVES (Continued) | | |
| P-L0501 | Polarizing Intermediate Attachment BH2-PA: Slide-out filter analyzer, rotatable through 180 degrees. Swing-out focusing Bertrand lens. Quartz plate depolarizer. Orientation test specimen. Pinhole cap. | \$1,272.00 |
| 4-P703 | Circular Rotating and Centering Stage BH2-SRP: 165mm diameter, graduated 360 degrees, with vernier reading to 0.1 degree. With two centering knobs, lever to set 45 degree click stops, click-stop setting to start at any given position. Centerable condenser holder with rack and pinion control, attached below stage. Stage insert with 22mm diameter aperture. Two stage clips. (Drilled and tapped to accept A-FMP attachable mechanical stage). | 1,434.00 |
| 4-P102 | Attachable Mechanical Stage AH-FMP with top-mount controls. For standard and half-size specimen slides. | 383.00 |
| 6-P609 | BH2-POC Polarizing Condenser: N.A. 0.9/0.25, with swing-out top element. Built-in filter polarizer, rotatable and graduated through 360 degrees. Knob for fine adjustment of 0 degree position, and click-stop on 0 degree position. Aperture iris diaphragm. | 785.00 |
| 1-LB520 | PO D Plan Achromat 4X, N.A. 0.10, dry, strainfree. | 160.00 |
| 1-LB530 | PO D Plan Achromat 10X, N.A. 0.25, dry, strainfree. | 249.00 |
| 1-LB540 | PO D Plan Achromat 20X, N.A. 0.40, dry, strain-free, spring-loaded. | 299.00 |
| 1-LB550 | PO D Plan Achromat 40X, N.A. 0.65, dry, strainfree, spring-loaded. | 440.00 |
| 2-LC321 | WHK10X, high eyepoint widefield compensating eyepiece, F.N. 20, single. | 118.00 |
| 2-LB320 | WHK10X, widefield high eyepoint compensating focusing eyepiece with crosshairs, F.N. 20, single. | 239.00 |
| 2-LB321 | WHK10X-M, widefield high eyepoint compensating focusing eyepiece with crosshairs and scale, F.N. 20, single. | 239.00 |
| P-0306 | Compensator Plate AH-TP530-2: Full wavelength retardation (gypsum, first order red, 530nm). | 231.00 |
| P-0307 | Compensator Plate AH-TP 147-2: 1/4 wavelength retardation (mica, 147.3nm). | 181.00 |
| 5-LC112 | BHS-LSH Lamp housing 100 WATT halogen: Consisting of collector lens B2-CLS and lamp housing B2-HLH, including one filter holder ABO898. | 250.00 |
| 8-C406 | 12V 100W Halogen bulb for BH-LSRH-W. (2 @ 25.00). | 50.00 |
| 9-B305 | Filter, DB-80 daylight blue, clear, 45mm. | 13.00 |
| BHSP-200 | Olympus Polarized Light Research Microscope Model BHSP, with PO D Plan Achromat objectives, complete as described above. | 10,113.00 |

| CATALOG NO. | PRODUCT DESCRIPTION | SUGG. LIST PRICE |
|---|---|------------------|
| POLARIZED LIGHT RESEARCH MICROSCOPE BHSP-300 WITH MS PLAN ACHROMAT INFINITY-CORRECTED OBJECTIVES AND VERTICAL ILLUMINATOR FOR TRANSMITTED AND/OR REFLECTED LIGHT | | |
| BHSP-003 | Research Polarizing Microscope Stand BHSP-F. Modular design, dovetail mount to accept 4 position centerable polarizing or regular 5 or 6 position nosepiece. Observation tube mount permits 360 degree rotation about the vertical axis. Ergonomically designed controls with hand rests. Coaxial coarse and fine focusing system with a range of 30mm. Fine focus knob graduated in 2 micron increments. Adjustable coarse focus lock and tension control. Built-in Koehler type illumination with graduated field iris diaphragm. On-Off switch, 12V/100W thyristor controlled continuously variable power supply in base, with LED voltage display; with in-base adjustable light intensity pre-setting switch for optimal photomicrographic illumination. Dustcover, immersion oil, grounded connecting cord instruction manual and warranty card included. Dimensions: 250mm wide X 390mm deep X 410mm high. | \$2,294.00 |
| 3-LC553 | Trinocular Observation Tube BH2-TR30: Parallel eyepiece tubes, inclination 30 degrees. Vertical phototube with built-in Olympus camera mount. Three position light path selector 100% observation, 20%/80% observation/photo or 100%,photo. High transmission coated prisms. Interpupillary distance adjustment 53mm-75mm. Automatic tube length compensation. Left eyepiece tube with diopter control +/-5 diopters, right eyepiece tube notched to position focusing eyepiece. Rotatable 360 degrees. | 1,017.00 |
| P-0510 | Quadruple Revolving Nosepiece BH-PRE: With three individual objective centering positions, one precentered position, and pair of centering wrenches. | 459.00 |
| P-L0501 | Polarizing Intermediate Attachment BH2-PA: Slide-out filter analyzer, rotatable through 180 degrees. Swing-out focusing Bertrand lens. Quartz plate depolarizer. Orientation test specimen. Pinhole cap. | 1,272.00 |
| 4-P703 | Circular Rotating and Centering Stage BH2-SRP: 165mm diameter, graduated 360 degrees, with vernier reading to 0.1 degree. With two centering knobs, lever to set 45 degree click stops, click-stop setting to start at any given position. Centerable condenser holder with rack and pinion control, attached below stage. Stage insert with 22mm diameter aperture. Two stage clips. (Drilled and tapped to accept A-FMP attachable mechanical stage). | 1,434.00 |
| 4-P102 | Attachable Mechanical Stage AH-FMP with top-mount controls. For standard and half-size specimen slides. | 383.00 |
| 6-P609 | BH2-POC Polarizing Condenser: N.A. 0.9/0.25, with swing-out top element. Built-in filter polarizer, rotatable and graduated through 360 degrees. Knob for fine adjustment of 0 degree position, and click-stop on 0 degree position., Aperture iris diaphragm. | 785.00 |
| 1-LM510 | M S Plan Achromat 2.5X, N.A. 0.07, dry, infinity-corrected. | 860.00 |
| 1-LM520 | M S Plan Achromat 5X, N.A. 0.13, dry, infinity-corrected. | 511.00 |
| 1-LM530T | M S Plan Achromat 10XT, N.A. 0.30, dry, infinity-corrected, for use with UMA. | 735.00 |

| CATALOG NO. | PRODUCT DESCRIPTION | SUGG. LIST PRICE |
|---|--|------------------|
| POLARIZED LIGHT RESEARCH MICROSCOPE BHSP-300 WITH MS PLAN ACHROMAT INFINITY-CORRECTED OBJECTIVES AND VERTICAL ILLUMINATOR FOR TRANSMITTED AND/OR REFLECTED LIGHT (Continued) | | |
| 1-LM550 | M S Plan Achromat 50X, N.A. 0.80, dry, infinity-corrected, spring-loaded. | \$ 884.00 |
| M-0226 | Polarizer BH2-MPO: Fixed, in drop-in mount. | 156.00 |
| 5-LM220 | Universal Vertical Illuminator BH2-UMA2: Field and aperture diaphragm and centerable field diaphragm; body tube lens system for infinity-corrected objectives. Front port to accept analyzer; side ports to accept rotatable polarizer and ND or wave plate slider. Unit houses one or two cube modules. | 830.00 |
| 5-LM227 | Lamp Housing BH2-ULSH80/50, 12V/50W Quartz Halogen; ribbed, with socket and cord assembly, and 12V/50W Q.H. Collector Lens. (For 5-LM220) | 318.00 |
| 8-C407 | 12V/50W Halogen Bulb for UMA. (2 @ 16.00). | 32.00 |
| 5-LM226 | Low Voltage Transformer TH-3. Variable output with regulating knob (0-12V). On-off switch and indicator light. Capable of powering either 12V/50W or 12V/100W lamps. | 368.00 |
| M-L0897 | Brightfield cube BH2-UBF2 for UMA2 illuminator. | 108.00 |
| 2-LC321 | WHK10X, high eyepoint widefield compensating eyepiece, F.N. 20, single. | 118.00 |
| 2-LB320 | WHK10X, widefield high eyepoint compensating focusing eyepiece with crosshairs, F.N. 20, single. | 239.00 |
| 2-LB321 | WHK10X-M, widefield high eyepoint compensating focusing eyepiece with crosshairs and scale, F.N. 20, single. | 239.00 |
| P-0306 | Compensator Plate AH-TP530-2: Full wavelength retardation (gypsum, first order red, 530nm). | 231.00 |
| P-0307 | Compensator Plate AH-TP 147-2: 1/4 wavelength retardation (mica, 147.3nm). | 181.00 |
| 5-LC112 | BHS-LSH Lamp housing 100 Watt halogen: Consisting of collector lens B2-CLS and lamp housing B2-HLH, including one filter holder ABO898. | 250.00 |
| 8-C406 | 12V/100W Halogen bulb for BH-LSRH-W. (2 @ 25.00). | 50.00 |
| 9-B305 | Blue clear daylight 45mm filter DB-80. | 13.00 |
| BHSP-300 | Olympus Polarized Light Research Microscope Model BHSP, with M S Plan Achromats and infinity corrected vertical illuminator complete as described above. | 13,767.00 |

| CATALOG NO. | PRODUCT DESCRIPTION | SUGG. LIST PRICE |
|---|---|------------------|
| POLARIZED LIGHT LABORATORY MICROSCOPE BHTP-100 WITH PO D ACHROMAT OBJECTIVES | | |
| BHT-003A | Microscope Stand BHT-F: Modular Design - Dovetail mount to accept 4 position centerable polarizing or regular five or six position nosepiece. Observation tube mount to permit 360 degree rotation about the vertical axis. Ergonomically designed controls with hand rest. Coaxial coarse, and fine focusing system with a range of 30mm. Fine focus knob graduated in 2 micron increments. Adjustable coarse focus lock and tension control. Built-in Koehler type illumination with graduated field iris diaphragm. Rack and pinion condenser adjustment with centerable dovetail mount. Circular stage mount to permit rotation of stage about the vertical axis. On-off switch. 6V-20W thyristor controlled, continuously variable power supply in base, with LED voltage display; with in-base adjustable light intensity pre-setting switch for optimal photomicrographic illumination. Includes two each 8-C405 tungsten halogen lamps, one each 5-S119 lamp housing and 9-B305 daylight filter. Dustcover, immersion oil, grounded connecting cord, instruction manual and warranty card included. dimensions: 190mm wide X 300mm deep X 390 high. | \$863.00 |
| 3-LC405 | Binocular Observation Tube BH2-Bi30: Parallel eyepiece tubes, inclination 30 degrees. High transmission coated prisms. Interpupillary distance adjustment 53mm-75mm. Automatic tube length compensation. Left eyepiece tube with diopter control +/-5 diopters, right eyepiece tube notched to position focusing eyepiece. Rotatable 360 degrees. | 608.00 |
| P-0510 | Quadruple Revolving Nosepiece BH-PRE: With three individual objective centering positions, one precentered position, and pair of centering wrenches. | 459.00 |
| P-L0501 | Polarizing Intermediate Attachment BH2-PA: Slide-out filter analyzer, rotatable through 180 degrees. Swing-out focusing Bertrand lens. Quartz plate depolarizer. Orientation test specimen. Pinhole cap. | 1,272.00 |
| 4-LB751 | Circular Rotatable Graduated Stage BH2-SRG: 142mm Diameter, rotatable 360 degrees, graduated to read to 1 degree, centerable within a 5mm range using two centering screws, with provision to lock rotation. Includes two stage clips and holes tapped to accept attachable mechanical stage. | 456.00 |
| 6-P609 | BH2-POC Polarizing Condenser: N.A. 0.9/0.25, with swing-out top element. Built-in filter polarizer, rotatable and graduated through 360 degrees. Knob for fine adjustment of 0 degree position, and click-stop on 0 degree position. Aperture iris diaphragm. | 785.00 |
| 1-LB223 | PO D Achromat 4X, N.A. 0.10, dry, strainfree. | 136.00 |
| 1-LB233 | PO D Achromat 10X, N.A. 0.25, dry, stainfree. | 213.00 |
| 1-LB251 | PO D Achromat 40X, N.A. 0.65, dry, strainfree, spring-loaded. | 318.00 |
| 2-LB321 | WHK 10X-M, widefield high eyepoint compensating focusing eyepiece with crosshairs and scale, F.N. 20, single. | 239.00 |

| CATALOG NO. | PRODUCT DESCRIPTION | SUGG. LIST PRICE |
|---|--|------------------|
| POLARIZED LIGHT LABORATORY MICROSCOPE BHTP-100 WITH PO D ACHROMAT OBJECTIVES (Continued) | | |
| 2-LC321 | WHK 10X, high eyepoint widefield compensating eyepiece, F.N. 20, single. | \$ 118.00 |
| BHTP3100 | Binocular polarized light microscope model BHT-P, with PO D achromats, complete as described above. | 5,467.00 |
| POLARIZED LIGHT LABORATORY MICROSCOPE BHTP-200 WITH PO D PLAN ACHROMAT OBJECTIVES | | |
| BHT-003A | Microscope Stand BHT-F: Modular Design - Dovetail mount to accept 4 position centerable polarizing or regular five or six position nosepiece. Observation tube mount to permit 360 degree rotation about the vertical axis. Ergonomically designed controls with hand rest. Coaxial coarse and fine focusing system with a range of 30mm. Fine focus knob graduated in 2 micron increments. Adjustable coarse focus lock and tension control. Built-in Koehler type illumination with graduated field iris diaphragm. Rack and pinion condenser adjustment with centerable dovetail mount. Circular stage mount to permit rotation of stage about the vertical axis. On-off switch. 6V-20W thyristor controlled, continuously variable power supply in base, with LED voltage display; with in-base adjustable light intensity pre-setting switch for optimal photomicrographic illumination. Includes two each 8-C405 tungsten halogen lamps, one each 5-S119 lamp housing and 9-B305 daylight filter. Dustcover, immersion oil, grounded connecting cord, instruction manual and warranty card included. Dimensions: 190mm wide X 300mm deep X 390 high. | 863.00 |
| 3-LC405 | Binocular Observation Tube BH2-Bi30: Parallel eyepiece tubes, inclination 30 degrees. High transmission coated prisms. Interpupillary distance adjustment 53mm-75mm. Automatic tube length compensation. Left eyepiece tube with diopter control +/-5 diopters, right eyepiece tube notched to position focusing eyepiece. Rotatable 360 degrees. | 608.00 |
| P-0510 | Quadruple Revolving Nosepiece BH-PRE: With three individual objective centering positions, one precentered position, and pair of centering wrenches. | 459.00 |
| P-L0501 | Polarizing Intermediate Attachment BH2-PA: Slide-out filter analyzer, rotatable through 180 degrees. Swing-out focusing Bertrand lens. Quartz plate depolarizer. Orientation test specimen. Pinhole cap. | 1,272.00 |
| 4-LB751 | Circular Rotatable Graduated Stage BH2-SRG: 142mm Diameter, rotatable 360 degrees, graduated to read to 1 degree, centerable within a 5mm range using two centering screws, with provision to lock rotation. Includes two stage clips and holes tapped to accept attachable mechanical stage. | 456.00 |
| 6-P609 | BH2-POC Polarizing Condenser: N.A. 0.9/0.25, with swing-out top element. Built-in filter polarizer, rotatable and graduated through 360 degrees. Knob for fine adjustment of 0 degree position, and click-stop on 0 degree position. Aperture iris diaphragm. | 785.00 |
| 1-LB520 | PO D Plan Achromat 4X, N.A. 0.10, dry, strainfree. | 160.00 |
| 1-LB530 | PO D Plan Achromat 10X, N.A. 0.25, dry, strainfree. | 249.00 |

| CATALOG NO. | PRODUCT DESCRIPTION | SUGG. LIST PRICE |
|--|--|------------------|
| POLARIZED LIGHT LABORATORY MICROSCOPE BHTP-200 WITH PO D PLAN ACHROMAT OBJECTIVES (Continued) | | |
| 1-LB550 | PO D Plan Achromat 40X, N.A. 0.65, dry, strainfree, spring-loaded. | \$ 440.00 |
| 2-LB321 | WHK10X-M, widefield high eyepoint compensating focusing eyepiece with crosshairs and scale, F.N. 20, single. | 239.00 |
| 2-LC321 | WHK10X, high eyepoint widefield compensating eyepiece, F.N. 20, single. | 118.00 |
| BHTP3200 | Binocular polarized light microscope model BHT-P, with PO D plan achromats, complete as described above. | 5,649.00 |
| POLARIZED LIGHT LABORATORY MICROSCOPE BHTP-300 WITH MS PLAN ACHROMAT INFINITY-CORRECTED OBJECTIVES AND VERTICAL ILLUMINATOR FOR TRANSMITTED/REFLECTED LIGHT | | |
| BHT-003A | Microscope Stand BHT-F: Modular Design - Dovetail mount to accept 4 position centerable polarizing or regular five or six position nosepiece. Observation tube mount to permit 360 degree rotation about the vertical axis. Ergonomically designed controls with hand rest. Coaxial coarse and fine focusing system with a range of 30mm. Fine focus knob graduated in 2 micron increments. Adjustable coarse focus lock and tension control. Built-in Koehler type illumination with graduated field iris diaphragm. Rack and pinion condenser adjustment with centerable dovetail mount. Circular stage mount to permit rotation of stage about the vertical axis. On-off switch, 6V-20W thyristor controlled, continuously variable power supply in base, with LED voltage display; with in-base adjustable light intensity pre-setting switch for optimal photomicrographic illumination. Includes two each 8-C405 tungsten halogen lamps, one each 5-LB402 lamp housing and 9-B305 daylight filter. Dustcover, immersion oil, grounded connecting cord, instruction manual and warranty card included. Dimensions: 190mm wide X 300mm. deep X 390 high. | 863.00 |
| 3-LC405 | Binocular Observation Tube BH2-Bi30: Parallel eyepiece tubes, inclination 30 degrees. High transmission coated prisms. Interpupillary distance adjustment 53mm-75mm. Automatic tube length compensation. Left eyepiece tube with diopter control +/-5 diopters, right eyepiece tube notched to position focusing eyepiece. Rotatable 360 degrees. | 608.00 |
| P-0510 | Quadruple Revolving Nosepiece BH-PRE: With three individual objective centering positions, one precentered position, and pair of centering wrenches. | 459.00 |
| P-L0501 | Polarizing Intermediate Attachment BH2-PA: Slide-out filter analyzer, rotatable through 180 degrees. Swing-out focusing Bertrand lens. Quartz plate depolarizer. Orientation test specimen. Pinhole cap. | 1,272.00 |
| 4-LB751 | Circular Rotatable Graduated Stage BH2-SRG: 142mm Diameter, rotatable 360 degrees, graduated to read to 1 degree, centerable within a 5mm range using two centering screws, with provision to lock rotation. Includes two stage clips and holes tapped to accept attachable mechanical stage. | 456.00 |

| CATALOG NO. | PRODUCT DESCRIPTION | SUGG. LIST PRICE |
|--|--|------------------|
| POLARIZED LIGHT LABORATORY MICROSCOPE BHTP-300 WITH MS PLAN ACHROMAT INFINITY-CORRECTED OBJECTIVES AND VERTICAL ILLUMINATOR FOR TRANSMITTED/REFLECTED LIGHT (Continued) | | |
| 6-P609 | BH2-POC Polarizing Condenser: N.A. 0.9/0.25, with swing-out top element. Built-in filter polarizer, rotatable and graduated through 360 degrees. Knob for fine adjustment of 0 degree position and click-stop on 0 degree position. Aperture iris diaphragm. | \$ 785.00 |
| 1-LM510 | M S Plan Achromat 2.5X, N.A. 0.07, dry, infinity-corrected. | 860.00 |
| 1-LM520 | M S Plan Achromat 5X, N.A. 0.13, dry, infinity-corrected. | 511.00 |
| 1-LM530T | M S Plan Achromat 10XT, N.A. 0.30, dry, infinity-corrected, for use with UMA. | 735.00 |
| 1-LM550 | M S Plan Achromat 50X, N.A. 0.80, dry, infinity-corrected, spring-loaded. | 884.00 |
| 5-LM220 | Universal Vertical Illuminator BH2-UMA2: Field and aperture diaphragm and centerable field diaphragm; body tube lens system for infinity-corrected objectives. Front port to accept analyzer; side ports to accept rotatable polarizer and ND or wave plate slider. Unit houses one or two cube modules. | 830.00 |
| 5-LM227 | Lamp Housing BH2-ULSH80/50, 12V/50W Quartz Halogen; ribbed, with socket and cord assembly, and 12V/50W Q.H. Collector Lens. (For 5-LM220). | 350.00 |
| 8-C402 | 12V 50W Halogen Bulb for UMA. (2 @ 16.00). | 32.00 |
| M-L0897 | Brightfield cube BH2-UBF2 for UMA2 illuminator. | 108.00 |
| M-0226 | Polarizer BH2-MPO: Fixed, in drop-in mount. | 156.00 |
| 5-LM226 | Low Voltage Transformer TH-3. Variable output with regulating knob (0-12V). On-off switch and indicator light. Capable of powering either 12V/50W or 12V/100W lamps. | 368.00 |
| 2-LC321 | WHK 10X, high eyepoint widefield compensating eyepiece, F.N. 20, single. | 118.00 |
| 2-LB321 | WHK 10X-M, widefield high eyepoint compensating focusing eyepiece with crosshairs and scale, F.N. 20, single. | 239.00 |
| BHTP3300 | Olympus polarized light microscope model BHTP, with M S plan achromats and infinity corrected vertical illuminator, complete as described above. | 9,602.00 |

| CATALOG NO. | PRODUCT DESCRIPTION | SUGG. LIST PRICE |
|--|---|------------------|
| NEW POLARIZED LIGHT LABORATORY/STUDENT MICROSCOPE- MODEL CHSP | | |
| CHS-001P | CHS-P Microscope Stand, includes: CHS-F frame*, BH2-SRG circular stage*, BH-PRE nosepiece*, CH-Bi45 binocular observation tube*, BH2-CD condenser*, 8-C405 6V/20W bulb, 9-LB211 daylight blue filter, UYCP power cord, plastic dust cover and #89001 drop-in polarizer. Note: * Indicates that component has been modified. | \$1,911.00 |
| P-L0501 | Polarizing Intermediate Attachment BH2-PA: Slide-out filter analyzer, rotatable through 180 degrees. Swing-out focusing Bertrand lens. Quartz plate depolarizer. Orientation test specimen. Pinhole cap. | 1,272.00 |
| 1-LB223 | PO D Achromat 4X, N.A. 0.10, dry, strainfree. | 136.00 |
| 1-LB233 | PO D Achromat 10X, N.A. 0.25, dry, strainfree. | 213.00 |
| 1-LB251 | PO D Achromat 40X, N.A. 0.65, dry, strainfree, spring-loaded. | 318.00 |
| 2-LB321 | WHK10X-M, widefield high eyepoint compensating focusing eyepiece with crosshairs and scale, F.N. 20, single. | 239.00 |
| 2-LC321 | WHK10X, high eyepoint widefield compensating eyepiece, F.N. 20, single. | 118.00 |
| CHSP-100 | Polarizing Microscope Set, Complete | 4,207.00 |
| OPTIONAL ACCESSORIES | | |
| Observation Tubes | | |
| 3-LC553 | Trinocular Observation Tube BH2-TR30: Parallel eyepiece tubes, inclination 30 degrees. Vertical phototube with built-in Olympus camera mount. Three position light path selector 100% observation, 20%/80% observation/photo or 100%,photo. High transmission coated prisms. Interpupillary distance adjustment 53mm-75mm. Automatic tube length compensation. Left eyepiece tube with diopter control +/-5 diopters, right eyepiece tube notched to position focusing eyepiece. Rotatable 360 degrees. | 1,017.00 |
| 3-LC405 | Binocular Observation Tube BH2-Bi30: Parallel eyepiece tubes, inclination 30 degrees. High transmission coated prisms. Interpupillary distance adjustment 53mm-75mm. Automatic tube length compensation. Left eyepiece tube with diopter control +/-5 diopters, right eyepiece tube notched to position focusing eyepiece. Rotatable 360 degrees. | 608.00 |
| 3-C251 | CH-M045, Monocular Observation Tube, eyepiece tube inclination 45 degrees. | 68.00 |
| 3-LC151 | Monocular Phototube BH2-PT: Vertical eyepiece tube. | 49.00 |

| CATALOG NO. | PRODUCT DESCRIPTION | SUGG. LIST PRICE |
|--|--|------------------|
| POLARIZED LIGHT MICROSCOPE OPTIONAL ACCESSORIES | | |
| Objectives-D Plan Achromat Strainfree | | |
| 1-LB520 | PO D Plan Achromat 4X, N.A. 0.10, dry, strainfree. | \$ 160.00 |
| 1-LB530 | PO D Plan Achromat 10X, N.A. 0.25, dry, strainfree. | 249.00 |
| 1-LB540 | PO D Plan Achromat 20X, N.A. 0.40, dry, strain-free, spring-loaded. | 299.00 |
| 1-LB550 | PO D Plan Achromat 40X, N.A. 0.65, dry, strainfree, spring-loaded. | 440.00 |
| 1-LB590 | PO D Plan Achromat 100X, N.A. 1.25, oil, strainfree, spring-loaded. | 871.00 |
| Objectives-D Achromat Strainfree | | |
| 1-LB223 | PO D Achromat 4X, N.A. 0.10, dry, strainfree. | 136.00 |
| 1-LB233 | PO D Achromat 10X, N.A. 0.25, dry, strainfree. | 213.00 |
| 1-LB241 | PO D Achromat 20X, N.A. 0.40, dry, strainfree, spring-loaded. | 265.00 |
| 1-LB251 | PO D Achromat 40X, N.A. 0.65, dry, strainfree, spring-loaded. | 318.00 |
| 1-LB292 | PO D Achromat 100X, N.A. 1.30, oil, strainfree, spring-loaded. | 342.00 |
| Eyeieces | | |
| 2-LC321 | WHK10X, high eyepoint widefield compensating eyepiece, F.N. 20, single. | 118.00 |
| 2-LC323 | WHK10X-H, widefield high eyepoint compensating eyepiece, F.N. 20, diopter adjustment -8 to +2, single. | 124.00 |
| 2-LB703 | NK5X, compensating eyepiece, F.N. 21, single. | 134.00 |
| 2-LB702 | NK5X, compensating eyepiece, with focusing cross hair, F.N. 21, single. | 183.00 |
| Field-of-View Eyepieces | | |
| 2-LC393 | 35-WHK10X, widefield high eyepoint compensating Field-of-View for 35mm Eyepiece, F.N. 20, single. | 223.00 |
| 2-LC394 | P-WHK10X, widefield high eyepoint compensating Field-of-View Eyepiece for 3 1/4 X 4 1/4 Polaroid, F.N. 20, single. | 223.00 |
| 2-LC395 | 4X5-WHK10X, widefield high eyepoint compensating Field-of-View Eyepiece for 4 X 5 format, F.N. 20, single. | 223.00 |

| CATALOG NO. | PRODUCT DESCRIPTION | SUGG. LIST PRICE |
|---|---|------------------|
| Photo Projection Eyepieces | | |
| 2-LC894 | NFK 2.5X-LD photo compensating eyepiece, single. | \$ 141.00 |
| 2-LC895 | NFK 3.3X-LD photo compensating eyepiece, single. | 141.00 |
| 2-LC896 | NFK5X-LD photo compensating eyepiece, single. | 141.00 |
| 2-LC897 | NFK 6.7X-LD photo compensating eyepiece, single. | 141.00 |
| TV Adapters | | |
| 7-C555 | TV camera parfocalizing adapter MTV3-AD. 2-piece construction with chrome C mount adapter separable from bottom section. (Note: requires use of any NFK eyepiece). Has 0.3X magnification factor. | 331.00 |
| 2-LC898 | NFK 1.67X-LD video projection eyepiece. (Low magnification achieves increased field coverage on video monitor screen). | 461.00 |
| 7-C567 | TVZ-M Zoom Video Lens, with 0.55X to 1.1X zoom magnification range. 2-piece construction with chrome C mount adapter separable from the main body; parfocalizing collar. Attaches directly to the standard Olympus "ring dovetail" adapter of the vertical photo tube of BH2 trinocular and quadocular observation tubes, the AH2-ADF adapter (Cat. No. 7-C548) of the AH3 Vanox, or the side port of the IMT-2 research inverted microscope. | 2,165.00 |
| Mechanical Stages | | |
| 4-P102 | Attachable Mechanical Stage A-FMP: For standard and half-size specimen slides. (For BHSP 4-P703 stage only.) | 383.00 |
| 4-P103 | Attachable Mechanical Stage C-FMP: For half slides. (For mounting onto BH2-SRG circular stage 4-LB751). | 511.00 |
| 4-P104 | Attachable Mechanical Stage C-FMP: For full 1 X 3 slides. (For mounting onto BH2-SRG circular stage 4-LB751). | 637.00 |
| Compensators (DIN Standard Dimensions) | | |
| P-0306 | Compensator Plate AH-TP530-2: Full wavelength retardation (gypsum, first order red, 530nm). | 231.00 |
| P-0307 | Compensator Plate AH-TP 147-2: 1/4 wavelength retardation (mica, 147.3nm). | 181.00 |
| P-0511 | Berek Compensator slider AH-CTP-2: I to III orders. | 619.00 |
| P-0308 | Quartz Wedge Compensator: I - IV orders. | 254.00 |

| CATALOG NO. | PRODUCT DESCRIPTION | SUGG. LIST PRICE |
|---|--|------------------|
| Replacement Bulbs | | |
| 8-C406 | 12V 100W Halogen bulb for BH-LSRH-W. | 25.00 |
| 8-C402 | 12V 50W Halogen Bulb for UMA. | 16.00 |
| 8-C405 | 6V 20W Halogen Bulb to fit lamp sockets 5-LB402 and 5-S119. | 8.00 |
| For Retrofit of a BHSP or BHTP 100 or 200 for Reflected Polarized Light Microscopy, order the following items: | | |
| 1-LM510 | M S Plan Achromat 2.5X, N.A. 0.07, dry, infinity corrected. | \$ 860.00 |
| 1-LM520 | M S Plan Achromat 5X, N.A. 0.13, dry, infinity corrected. | 511.00 |
| 1-LM530T | M S Plan Achromat 10XT, N.A. 0.30, dry, infinity corrected, for use with UMA. | 735.00 |
| 1-LM550 | M S Plan Achromat 50X, N.A. 0.80, dry, infinity corrected, spring-loaded. | 884.00 |
| M-0226 | Polarizer BH2-MPO: Fixed, in drop-in mount. | 156.00 |
| 5-LM220 | Universal Vertical Illuminator BH2-UMA2: Field and aperture diaphragm and centerable field diaphragm; body tube lens system for infinity-corrected objectives. Front port to accept analyzer; side ports to accept rotatable polarizer and ND or wave plate slider. Unit houses one or two cube modules. | 830.00 |
| 5-LM225 | Lamphouse BH2-HLSH 80/100: 12V/100 halogen lamphouse, including: socket with 80cm (32 inch) connecting cord. Requires the use of BH2-HCL (5-LM224) collector lens and TH3 (5-LM226) transformer. | 487.00 |
| 5-LM224 | Collector Lens BH2-HCL for use with BH2-HLSH 80/100 (5-LM225) 100W halogen lamphouse, threaded to mount on the BH2-UMA2 Universal Vertical Illuminator. | 38.00 |
| 5-LM227 | Lamphouse BH2-ULSH 80/50: 12V/50W halogen lamphouse, including: Bulb socket with 80 cm (32inch) connecting cord and collector lens, threaded to mount on BH2-UMA2 Universal Vertical Illuminator. | 350.00 |
| 5-LM226 | Low-voltage transformer TH-3 for BH2-HLSH 80/100 (5-LM225) and BH2-ULSH 80/50 (5-LM227). Has variable output, voltmeter (0-12V), and on/off switch. | 368.00 |
| 8-C407 | 12V/50W Halogen Bulb for UMA. | 16.00 |
| 8-C406 | 12V/100W Halogen Bulb for #5-LM225 lamphouse. | 25.00 |
| M-L0897 | Brightfield cube BH2-UBF2 for UMA2 illuminator. | 108.00 |

Note: See BHSP-300 or BHTP-300 configurations for more detailed information.