

# MICROSCOPES, CAMERAS & MAGNIFIERS

## Biological Compound Microscopes

### Upright Microscopes



BK-211

#### Jenco

**BK-211** Upright Microscope, Binocular, Brightfield ..... \$1,215.00

- Widefield 10X/22 eyepieces
- Binocular, 30° inclined, Siedentopf design viewing head with single diopter; 55-75 mm interpupillary adjustment
- DIN, plan achromat 4X, 10X, 40XR, and 100XR objectives on 5-place, inward-facing nosepiece
- Ball-bearing mechanical stage is 19 cm(W) x 14 cm(D)
- Coaxial coarse and fine focus controls; coarse has tension and up-stop adjustments
- Centerable 1.25 N.A. Abbe condenser with rack and pinion focusing, and iris diaphragm
- 20 watt halogen Koehler-type illuminator
- 30.5 cm(D) x 20.3 cm(W) x 38.1 cm(H)
- 5-year mechanical & optical/2-year electrical warranty

**BK-311** Upright Microscope, Trinocular, Brightfield ..... \$1,357.00

- Trinocular version of BK-211



#### Meiji

**MT4200H** Upright Microscope, Binocular, Brightfield ..... \$2,439.00

- Widefield 10X/20 eyepieces
- Binocular, 30° inclined, Siedentopf design viewing head has single diopter; 53-75 mm interpupillary adjustment
- Infinity-corrected, plan achromat 4X, 10X, 40XR, and 100XR objectives on 5-place, inward-facing nosepiece
- Ball-bearing, ceramic coated mechanical stage is 17 cm(W) x 14 cm(D)
- Coaxial coarse and fine focus controls; coarse has tension and up-stop adjustments
- Centerable 1.25 N.A. Abbe condenser has rack and pinion focusing, and iris diaphragm
- 30 watt halogen Koehler-type illuminator
- 39 cm(D) x 21 cm(W) x 41 cm(H)
- Lifetime mechanical & optical/90-day electrical warranty

MT5300H



#### Meiji

**MT5200H** Upright Microscope, Binocular, Brightfield ..... \$2,695.00

- Widefield 10X/22 eyepieces
- Binocular, 30° inclined, Siedentopf design viewing head has single diopter; 53-75 mm interpupillary adjustment
- Infinity-corrected, plan semiapochromat 4X, 10X, 40XR, and 100XR objectives on 5-place, inward-facing nosepiece
- Ball-bearing, ceramic coated mechanical stage is 19 cm(W) x 14 cm(D)
- Coaxial coarse and fine focus controls; coarse has tension and up-stop adjustments
- Centerable 1.25 N.A. Abbe condenser has rack and pinion focusing, and iris diaphragm
- 30 watt halogen Koehler-type illuminator
- 39 cm(D) x 21 cm(W) x 41 cm(H)
- Lifetime mechanical & optical/90-day electrical warranty

**MT5300H** Upright Microscope, Trinocular, Brightfield ..... \$2,977.00

- Trinocular version of MT5200H
- 38 mm ISO photoport includes 1X C-mount coupler
- 39 cm(D) x 21 cm(W) x 46.5 cm(H)



168-ASC



169-ASC

#### National

**168-ASC** Upright Microscope, Binocular, Brightfield ..... \$790.00

- Widefield 10X/18 eyepieces
- Binocular, 30° inclined, Jentsch design viewing head with dual diopters; 54-76 mm interpupillary adjustment
- DIN, super high contrast achromat 4X, 10X, 40XR, and 100XR objectives on 4-place, inward-facing nosepiece
- Rackless x-axis mechanical stage is 14 cm(W) x 13.5 cm(D); up-stop adjustment is provided
- Coaxial coarse and fine focus controls; coarse has tension adjustment
- 1.25 N.A. Abbe condenser with rack and pinion focusing, iris diaphragm, and swing-out filter holder
- 3 watt variable LED illuminator, corded
- 24 cm(D) x 18.5 cm(W) x 40 cm(H)
- Lifetime mechanical & optical/3-year electrical warranty

**169-ASC** Upright Microscope, Trinocular, Brightfield ..... \$1,009.00

- Trinocular version of 168-ASC; 3-position beamsplitter
- 0.5X C-mount adapter included

*Continued*

**Inverted Microscopes**



CP-2A1

Jenco

**CP-2A1** Inverted, Trinocular, Brightfield/Phase..... \$3,060.00

- Widefield 10X/20 eyepieces
- Trinocular, 30° inclined, Siedentopf design viewing head with single diopter; 55-75 mm interpupillary adjustment
- Six DIN, LWD plan achromat objectives: brightfield 10X, 25X, and 40X; plan phase 10X, 25X, and 40X
- 5-place, reverse-facing nosepiece
- Attachable mechanical stage includes three inserts
- Coaxial coarse and fine focus controls; coarse has tension and up-stop adjustments
- 1.25 N.A. Abbe condenser with rack and pinion focusing, iris diaphragm and filter holder; working distance of 55 mm for phase contrast, or 125 mm if swung out for brightfield
- Centerable, dedicated phase annuli mounted on sliders
- 30 watt halogen Koehler-type illuminator
- 48.25 cm (19")D x 21.6 cm (8½")W x 47 cm (18½")H
- 5-year mechanical & optical/2-year electrical warranty



BC-366

Jenco

**BC-366** Inverted, Trinocular, BF/Phase/Fluor ..... \$9,399.00

- Widefield 10X/22 eyepieces
- Binocular, 45° inclined, Siedentopf design viewing head with single diopter; 55-75 mm interpupillary adjustment
- Side camera port
- Six infinity, LWD plan achromat objectives: brightfield/fluorescence 10X, 25X, and 40X; phase 10X, 25X, and 40X
- 6-place, side-facing nosepiece
- Attachable mechanical stage
- Coaxial coarse and fine focus controls; coarse has tension and up-stop adjustments
- 1.25 N.A. Abbe condenser with rack and pinion focusing, iris diaphragm and filter holder; centerable, dedicated phase annuli mounted in turret
- 30 watt halogen transmitted light; Koehler-type illuminator
- 100 watt mercury epi-fluorescence
- Blue (FITC) and green (TRITC) fluorescence filter sets
- 5-year mechanical & optical/2-year electrical warranty

Meiji ..... Access [www.meijitechno.com](http://www.meijitechno.com)  
and call us to place an order

**Polarizing Compound Microscopes**



Meiji ..... Access [www.meijitechno.com](http://www.meijitechno.com)  
and call us to place an order

**Metallurgical Compound Microscopes**

**Inverted Microscopes**



IM7100



IM7200

Meiji

**IM7100** Inverted, Binocular, BF/Polarized Light ..... \$6,322.00

- Widefield 10X/22 eyepieces
- Binocular, 30° inclined, Siedentopf design viewing head with depolarizer has single diopter; 53-75 mm interpupillary adjustment
- Infinity-corrected, plan achromat E5X, E10X, E20X, and E50X objectives on 5-place, side-facing nosepiece
- Fixed stage measures 18 cm(W) x 24.5 cm(D)
- Coaxial coarse and fine focus controls; coarse has tension adjustment
- 30 watt halogen incident (reflected) light Koehler illuminator
- Filters provided: polarizer and rotatable analyzer, blue, green, and neutral density
- Camera port is built into front of cast aluminum alloy body
- 55.9 cm (22") x 25.4 cm (10") x 41.3 cm (16.25")H
- Lifetime mechanical & optical/1-year electrical warranty

**IM7200** Inverted, Trinocular, BF/Polarized Light ..... \$6,511.00

- Trinocular version of IM7100
- 55.9 cm (22") x 25.4 cm (10") x 47.5 cm (18.75")H

*Optional components that can be purchased for the IM7100/IM7200 models include eyepieces, viewing heads, 100X objective, attachable mechanical stage, eyepiece and stage micrometers, and camera adapters.*

Jenco ..... Access [www.jencointernational.com](http://www.jencointernational.com)  
and call us to place an order

## Student Microscopes



### C&A Scientific

**MFL-05 Student Microscope, Monocular** ..... \$130.00

- Widefield 10X eyepiece with pointer
- Monocular, 45° inclined viewing head rotates 360°
- Achromat 4X, 10X and 40XR objectives
- Stage provided with safety stop to protect slides & objectives
- Coarse focus knob
- In-stage condenser with 6-place disc diaphragm
- Adjustable intensity LED illuminator, equivalent to a 20 watt tungsten bulb, operates on rechargeable battery or power cord
- 27.8 cm (11") tall
- 1-year warranty
- Five prepared glass slides
- Grades K-8



### National

**131-CLED Student Microscope, Monocular, DIN**..... \$242.00

- Widefield 10X eyepiece w/ pointer accepts optional reticle
- Monocular, 45° inclined viewing head rotates 360°
- DIN achromat 4X, 10X, and 40XR objectives
- Stage provided with safety stop to protect slides & objectives
- Low positioned coarse and fine focus; tension adjustment
- In-stage 0.65 N.A. condenser with 5-place disc diaphragm
- LED illuminator, corded (equivalent to a 20 watt tungsten bulb)
- 36 cm (14") tall
- Lifetime mechanical and optical/3-year electrical warranty
- Grades K-12



### National

**132-CLED-MS Student Microscope, Dual View, DIN**..... \$386.00

- Widefield 10X eyepieces w/ pointers accept optional reticle
- Vertical & 30° inclined tubes mounted on 360° rotating head
- DIN achromat 4X, 10X, and 40XR objectives
- Graduated mechanical stage provided with safety stop to protect slides & objectives
- Low positioned coarse and fine focus; tension adjustment
- In-stage 0.65 N.A. condenser with 5-place disc diaphragm
- LED illuminator, corded (equivalent to a 20 watt tungsten bulb)
- 40 cm (15 1/4") tall
- Lifetime mechanical and optical/3-year electrical warranty
- Grades K-12

## Stereo Microscopes



420T-430PLL-10

### National

**420-430PLL-10** Stereoscope, Binocular, 10-40X Zoom ..... \$569.00

- Widefield 10X/20 eyepieces; accept 23 mm reticle
- Binocular, 45° inclined head with dual diopters rotates 360°; 55-75 mm interpupillary adjustment
- Paired achromat objectives provide continuous 10X-40X total magnification; working distance of 79 mm with supplied 1X objective
- Heavy-duty rack and pinion focusing features a slip clutch and tension adjustment
- Dual illuminators offer light from top only (LED with rheostat control and directional beam), bottom only (LED), or both top and bottom
- Post stand with locking support collar allows viewing specimens up to 93 mm tall
- Frosted glass and reversible black/white plastic stage plates included
- 24.2 cm(D) x 17.1 cm(W) x 43.3 cm(H)
- Lifetime mechanical and optical/3-year electrical warranty

**420T-430PLL-10** Stereoscope, Trinocular, 10-40X Zoom .... \$659.00

- Trinocular version of 420-430PLL-10
- 2X SLR adapter & 0.4X C-mount adapter included



425-445PLL-10

### National

**425-445PLL-10** Stereoscope, Binocular, 7.5-50X Zoom ..... \$914.00

- Widefield 10X/23 eyepieces; accept 24.95 mm reticle
- Binocular, 45° inclined head with dual diopters rotates 360°; 55-75 mm interpupillary adjustment
- Paired achromat objectives provide continuous 7.5-50X total magnification; working distance of 113 mm with supplied 1X objective
- Heavy-duty rack and pinion focusing features a slip clutch and tension adjustment
- Dual 3W LED illuminators with rheostat control offer cool light from top, bottom, or both top and bottom
- Post stand has a large ergonomic base and locking support collar
- Frosted glass and reversible black/white plastic stage plates included
- Lifetime mechanical and optical/3-year electrical warranty

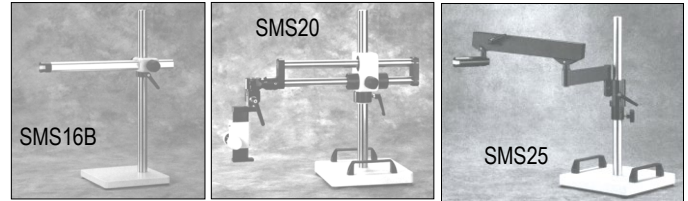
**425T-445PLL-10** Stereoscope, Trinocular, 7.5-50X Zoom ... \$973.00

- Trinocular version of 425-445PLL-10



Meiji ..... Access [www.meijitechno.com](http://www.meijitechno.com)  
and call us to place an order

## Stands



*Please call regarding availability of items not listed*

### Stereo Boom Stands, Diagnostic Instruments

*All boom stands require a focus mount*

Standard, nylon bearings. <b>SMS16B</b> .....	\$599.00
Ball Bearing	
Medium-Duty. <b>SMS6B</b> .....	\$759.00
Heavy-Duty. <b>SMS20-__</b> * .....	<i>See note below</i>
Articulating Arm. <b>SMS25</b> .....	\$1,409.00

\*Access [www.spotimaging.com](http://www.spotimaging.com) and call us with microscope model and boom stand version to place an order



Meiji PBH Stand  
with Adapter Sleeve

### Stereo Dual Illumination Stands, 6V/10W, Meiji

Pole-Type Base, 84 mm focus mount. <b>PBH</b> .....	\$563.00
<i>Some stereo brands require an adapter sleeve</i>	
Stereo Stand Sleeve for 76 mm dia. bodies .....	\$30.00
Stereo Stage Plates, 94.5 mm	
Clear Glass. <b>MA569</b> .....	\$45.00
Filter, Blue Frosted, 40 mm. <b>MA563/05</b> .....	\$50.00
Black & White Plastic. <b>MA568</b> .....	\$45.00

## Illuminators

*Please call regarding availability of items not listed*



Fiber optic light source with dual gooseneck and two focusing lenses is shown.

### Fiber Optics, Fiber-Lite™, Dolan-Jenner

Light Source, 150W EKE lamp, rheostat. **FL150/115** ..... \$392.00  
(MI-150)

Gooseneck, Dual, chrome plated, 23" long. **FL150/05**..... \$230.00  
(EEG2823M)

Focusing Lens, each. **FL150/50** ..... \$39.00  
(LH-759)

## Accessories & Parts

Cushion and support your elbows/forearms with a pair of these ergonomic armrests. Pliable, latex bag stays firmly in position on the workbench, where it conforms to surface and your arm.



### Armrests, latex rubber bag, black, USA

★ Low-Profile, 1.25 lbs each, Pair. **14146** ..... \$25.00

*Recommended for newer 'scopes with low controls*

High-Profile, 2 lbs each, Pair. **14141** ..... \$27.00

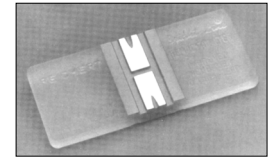


### Boxes, Plastic, hinged polystyrene, USA

Catalog #	Inside Dimensions	Foam Insert	Suggested Application	Price
<b>H-1</b>	1 x 1 x ¼"	-	Reticles, Pointers	\$0.40
<b>H-1/11B</b>	1 x 1 x ¼"	1	Reticles, Pointers	\$0.50
<b>H-54</b>	2 9/16 x 2 9/16 x ½"	-	Filters	\$1.20
<b>H-54/2916G</b>	2 9/16 x 2 9/16 x ½"	1	Filters	\$1.35
<b>H-28/334B2</b>	3 ¾ x 1 3/16 x 5/8"	2	Slides, Stage Micrometers	\$1.40

## Counting Chambers

Bright-Line®  
Hemacytometer



### Hemacytometer, bright-lined, V-slash, Germany

Chamber with 2 Coverslips, Marienfeld. **0650030** ..... \$134.00

### Hemacytometers, Bright-Line®, molded borosilicate glass, USA

Standard Thickness (5.5 mm thick)

Chamber with 2 Coverslips, Hauser. **1492** ..... \$286.00

Chamber only, Hauser. **1490** ..... \$258.00

Coverslips, 20 x 26 x 0.4 mm, Erie, Pk/2. **2026H** ..... \$11.05

Reduced Thickness/phase counting chamber (3.5 mm thick)

Chamber with 2 Coverslips, Hauser. **1475** ..... \$305.00

Coverslips, 20 x 26 x 0.4 mm, Erie, Pk/2. **2026H** ..... \$11.05

### Howard Mold Chamber, Hauser, USA

*Requires Howard Disc - see RETICLES & STAGE MICROMETERS*

Chamber with 2 Coverslips (5080 & 5090). **3820** ..... \$383.00

Coverslip only, 28 x 33 x 0.5 mm (thin), each. **5080** ..... \$46.80

### Petroff-Hausser Bacteria Counter, Hauser, USA

Coverslip only, 20 x 26 x 0.2 mm, each. **5051** ..... \$46.80

England Field Finder, 1 mm thick, USA. **KR-834** ..... \$212.00

Eyepiece Pointer, wire. **14301** ..... \$2.00



Eyepiece Sleeve, 23.2 mm increased to 30 mm. **14320** ..... \$35.00