

## Illuminators

*Please call regarding availability of items not listed*



### Fiber Optics, 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. **FL150/50**..... \$39.00  
(LH-759)



- LED Illuminator, 5W LED. MA264/LED**..... \$431.00

## 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** ..... ea ..... pair
- ★ Low-Profile, 1.25 lbs each. **14146** ..... \$12.00 ..... 22.00  
*Recommended for newer 'scopes with low controls*
- High-Profile, 2 lbs each. **14141** ..... \$13.00 ..... 23.00



### Boxes, Plastic, hinged polystyrene, USA

Catalog #	Inside Dimensions	Foam Insert	Suggested Application	Price
H-1	1 x 1 x 1/4"	-	Reticles, Pointers	\$0.30
H-1/11B	1 x 1 x 1/4"	1	Reticles, Pointers	\$0.35
H-54	2 9/16 x 2 9/16 x 1/2"	-	Filters	\$1.20
H-54/2916G	2 9/16 x 2 9/16 x 1/2"	1	Filters	\$1.35
H-28/334B2	3 3/4 x 1 3/16 x 5/8"	2	Slides, Stage Micrometers	\$1.40



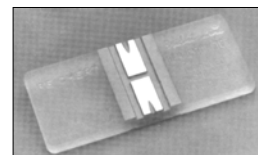
Transport and store your microscope in these protective cases. Velcro® straps and accessory pockets are provided.

### Carrying Cases, hard-sided, anodized aluminum w/fabric lining (Inside dimensions provided)

- 10.5"(D) x 7.75"(W) x 14.9"(H). **975-001** ..... \$129.00
- 11.75"(D) x 8"(W) x 17.25"(H). **975-002** ..... \$139.00

## Counting Chambers

Bright-Line®  
Hemacytometer



### Fuchs-Rosenthal Chamber, USA

- Chamber with 2 Coverslips, Hausser. **3720** ..... \$375.00
- Coverslips only, 20 x 26 x 0.4 mm, Pk/2, Erie. **2026H** ..... \$10.80

### 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, Hausser. **1492** ..... \$283.00
- Chamber only, Hausser. **1490** ..... \$255.00
- Coverslips, 20 x 26 x 0.4 mm, Pk/2, Erie. **2026H** ..... \$10.80
- Reduced Thickness/phase counting chamber (3.5 mm thick)
- Chamber with 2 Coverslips, Hausser. **1475** ..... \$302.00
- Coverslips, 20 x 26 x 0.4 mm, Pk/2, Erie. **2026H** ..... \$10.80

### Howard Mold Chamber, Hausser, USA


*Requires Howard Disc - see RETICLES & STAGE MICROMETERS*

- Chamber with 2 Coverslips (5080 & 5090). **3820** ..... \$375.00
- Coverslip only, 28 x 33 x 0.5 mm (thin). **5080** ..... \$46.80
- Coverslip only, 28 x 33 x 1.0 mm (thick). **5090** ..... \$46.80

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

- Chamber with 2 Coverslips (5051 & 1 grid). **3900** ..... \$578.00
- Coverslip only, 20 x 26 x 0.2 mm. **5051** ..... \$46.80

- England Field Finder, 1 mm thick, USA. KR-834** ..... \$159.00

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



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

**Filters, glass**



29.8 mm Diameter	
Blue, clear. <b>MA289/05</b> .....	\$35.00
Blue Frosted. <b>MA289</b> .....	\$35.00
Diffusion (frosted). <b>MA288</b> .....	\$35.00
Green, clear. <b>MA290/05</b> .....	\$35.00
32 mm Diameter	
Blue, clear. <b>923-160</b> .....	\$13.00
Blue Frosted. <b>3236</b> .....	\$7.50
Diffusion (frosted). <b>3235-W</b> .....	\$7.50
Green, clear. <b>CM-0321-G</b> .....	\$7.00
40 mm Diameter	
Blue Frosted. <b>MA563/05</b> .....	\$50.00
Diffusion (frosted). <b>MA566</b> .....	\$50.00
45 mm Diameter	
Blue, clear. <b>14671</b> .....	\$10.40
Color Balancing, NCB-11, Nikon. <b>MBN11710</b> .....	\$77.00
Diffusion (frosted). <b>14673</b> .....	\$35.00
Green Interference, 546/60, Nikon. <b>MBN11200</b> .....	\$52.00
Neutral Density, Nikon	
50% Transmittance, ND2A. <b>MBN21802</b> .....	\$42.00
12.5% Transmittance, ND8A. <b>MBN21808</b> .....	\$42.00

**Lens Tissue**

Economy, 10 x 15 cm sheets, Bk/50 Sheets. <b>LENS-46-50</b> .....	\$1.10
Fine, 10 x 15 cm sheets, Bk/50 Sheets. <b>LENSF-46-50</b> .....	\$3.30
Type 1, Class 1, lintless	
Premium, 7.5 x 15 cm sheets, Pk/50 Sheets. <b>77605</b> .....	\$3.60



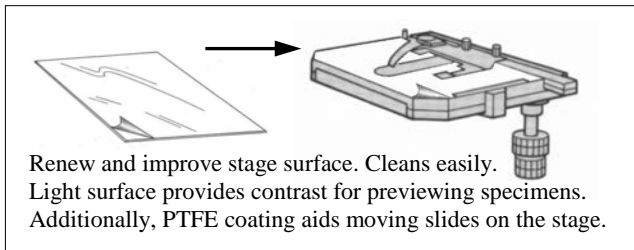
<b>Microscope Cleaning Kit . 77600</b> .....	\$30.00
Replacement Items	
Blower Bulb. <b>77602</b> .....	\$10.50
Brush, 1½", polyester. <b>77603</b> .....	\$3.00
Cleaning Stick. <b>77604</b> .....	\$2.00
Lens Tissue, Premium, 7.5 x 15 cm, 50 sheets. <b>77605</b> .....	\$3.60
Rubber Grip, 11 x 2.5 cm. <b>77606</b> .....	\$0.50
Solvent Jar, (Empty). <b>77607</b> .....	\$2.50
Utility Box. <b>77608</b> .....	\$9.00



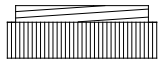
Protect your microscope from dust, light, and moisture with a durable cover.

**Microscope Dust Covers, rip-stop nylon, burgundy, USA**

<b>AO100</b> .....	\$19.00
<b>4BIN</b> .....	\$8.00
<i>(Fits Binocular Head Only - 6½" x 8"(W))</i>	
<b>NBIN</b> .....	\$9.00
<i>(Fits Binocular Head Only - 11" x 8"(W))</i>	
<b>NSML</b> .....	\$19.00
<i>(Fits Nikon Alphaphot(1&amp;2), SC; Stereos; National 420,162,168; Swift M15B-P)</i>	
<b>NSMC</b> .....	\$22.00
<i>(Fits Nikon Alphaphot(1&amp;2) w/Camera)</i>	
<b>NDFC</b> .....	\$35.00
<i>(Fits Nikon Diaphot w/EPI-FL &amp; Camera; Jenco BC-2A1, BC-364)</i>	
<b>D200</b> .....	\$35.00
<i>(Fits Nikon Diaphot 200/300; Olympus Vanox)</i>	
<b>D2FC</b> .....	\$35.00
<i>(Fits Nikon Diaphot 200/300 w/EPI-FL &amp; Camera, Ti)</i>	
<b>N400</b> .....	\$25.00
<i>(Fits Nikon E400/E600/50i/55i, TS100; Olympus BX 40/41, CK2 w/mech. stage; Jenco CP-2A1)</i>	
<b>N4CA</b> .....	\$30.00
<i>(Fits Nikon E400/E600 w/Camera; Olympus BX 40/41 w/Camera, Zeiss Axioskop 2 w/Camera)</i>	
<b>N4FL</b> .....	\$25.00
<i>(Fits Nikon E400/E600 with EPI-FL)</i>	
<b>N4FC</b> .....	\$28.00
<i>(Fits Nikon E400/E600 w/EPI-FL &amp; Camera; Zeiss Axioskop 2 w/EPI-FL &amp; Camera)</i>	
<b>N4TH- *</b> .....	\$35.00
<i>(Fits Nikon E400/E600/50i/55i w/TH)</i>	
<i>*Includes a cover for the student head.</i>	
<i>Specify opening as <u>R</u>ight or <u>L</u>eft using applicable suffix.</i>	
<b>NLAB</b> .....	\$19.00
<i>(Fits Nikon Labophot(1&amp;2), Optiphot(1&amp;2), TMS/TMS-F, E200; Olympus CK2; Leica DME)</i>	
<b>NLCA</b> .....	\$25.00
<i>(Fits Nikon Labophot(1&amp;2)/Optiphot(1&amp;2) w/Camera; Meiji MT4300/5300)</i>	
<b>NLFL</b> .....	\$22.00
<i>(Fits Nikon Labophot(1&amp;2)/Optiphot(1&amp;2) w/EPI-FL; Meiji MT6300)</i>	
<b>NLFC</b> .....	\$25.00
<i>(Fits Nikon Labophot(1&amp;2)/Optiphot(1&amp;2) w/EPI-FL &amp; Camera)</i>	
<b>NLTH- *</b> .....	\$32.00
<i>(Fits Nikon Labophot(1&amp;2)/Optiphot(1&amp;2) w/TH-L)</i>	
<b>NLTC- *</b> .....	\$38.00
<i>(Fits Nikon Labophot(1&amp;2)/Optiphot(1&amp;2) w/TH-L &amp; Camera)</i>	
<i>*Both TH-L covers include a cover for the student head.</i>	
<i>Specify opening as <u>R</u>ight, <u>L</u>eft, or <u>B</u>oth sides using suffix.</i>	
<b>NLMV</b> .....	\$28.00
<i>(Fits Nikon Labophot(1&amp;2)/Optiphot(1&amp;2) w/Multi-View)</i>	
<b>NLMC</b> .....	\$30.00
<i>(Fits Nikon Labophot(1&amp;2)/Optiphot(1&amp;2) w/M-V &amp; Camera)</i>	



**Microscope Stage Laminate, USA. 16251** ..... \$8.00  
6.25 x 7.75" sheet provided with a #10 scalpel.  
White Teflon® (PTFE) on self-adhesive vinyl is 0.010" thick.



**Nosepiece Dust Plug, RMS thread (20.32 mm Dia.). 15420**..... \$0.50



Mark slides, dishes, flasks, and chambers with a 1.8 mm ring for later referral. Works on upright and inverted microscopes.

**Object Marker, RMS thread (20.32 mm Dia.)**  
Black. **14361** ..... \$172.00  
Refill Ink, black, 10 mL, Shachihata. **22112** ..... \$7.00  
Adapters  
RMS/45 to CFI60, 15 mm long. **14111** ..... \$43.00  
RMS ID to 25 mm OD Thread, brass. **14115** ..... \$52.00

*Microscopes with Nikon CFI60 infinity-corrected (∞) objectives require a 14111 adapter.*  
*Microscopes with Leica 25 mm thread/45 mm parfocal length objectives require a 14115 adapter.*  
*Microscopes with 160 mm tube length objectives do not require an adapter.*



**Objectives, 160 mm tube length, DIN, Jenco, Meiji, National**  
Achromats, Motic/National  
4X, N.A. 0.10. **704-160** ..... \$32.00  
10X, N.A. 0.25. **710-160** ..... \$33.00  
40X, N.A. 0.65. **740-160** ..... \$42.00  
100X Oil, N.A. 1.25. **799-160** ..... \$69.00  
Super High Contrast Achromats, National  
4X, N.A. 0.10. **704-160ASC** ..... \$28.00  
10X, N.A. 0.25. **710-160ASC** ..... \$36.00  
40X, N.A. 0.65. **740-160ASC** ..... \$66.00  
100X Oil, N.A. 1.25. **799-160ASC** ..... \$99.00  
Semi-Plan Achromats, National (unless noted)  
2X, N.A. 0.05, Accu-Scope. **3193SP-00** ..... \$70.00  
4X, N.A. 0.10. **704-160SP** ..... \$32.00  
10X, N.A. 0.25. **710-160SP** ..... \$33.00  
40X, N.A. 0.65. **740-160SP** ..... \$42.00  
50X Oil, N.A. 0.95, Meiji. **MA694** ..... \$295.00  
60X, N.A. 0.85. **MA645** ..... \$315.00  
100X Oil, N.A. 1.25. **799-160SP** ..... \$69.00

Continued

Plan Achromats, National (unless noted)  
2.5X, N.A. 0.08, Meiji. **MA432** ..... \$285.00  
4X, N.A. 0.10. **704-160P** ..... \$33.00  
10X, N.A. 0.25. **710-160P** ..... \$55.00  
20X, N.A. 0.40. **720-160P** ..... \$125.00  
40X, N.A. 0.65. **740-160P** ..... \$104.00  
50X Oil, N.A. 0.95, Accu-Scope. **3190PL-00** ..... \$315.00  
60X, N.A. 0.85. **760-160P** ..... \$199.00  
100X Oil, N.A. 1.25. **799-160P** ..... \$168.00

Protect spare microscope objectives.



**Objective Case, DIN, polystyrene. 15601** ..... \$1.00

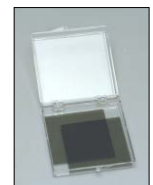


Extender tubes do not contain lenses.

**Objective Extender Tubes, RMS thread, brass, USA**  
10 mm Long. **14105** ..... \$44.20  
18 mm Long. **14106** ..... \$42.75

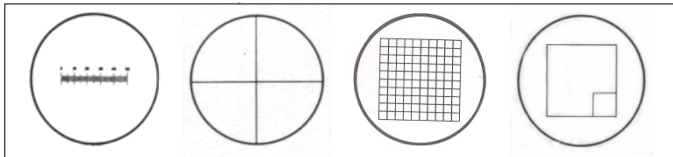
**Objective Shims, fit RMS thread (20.32 mm Dia.), USA**  
Parfocalize objectives with these stainless steel rings.  
25 μm (0.001") Thick, Pk/10. **10032061** ..... \$16.15  
50 μm (0.002") Thick, Pk/10. **10032062** ..... \$16.15  
75 μm (0.003") Thick, Pk/10. **10032063** ..... \$16.15  
100 μm (0.004") Thick, Pk/10. **10032064** ..... \$16.15  
125 μm (0.005") Thick, Pk/10. **10032065** ..... \$16.15  
Assortment Pack, pk/10. **100320630** ..... \$19.80  
Includes two each of the following thicknesses: 25, 50, 75, 100, and 125 μm.

Highly efficient, linear polarizing film has excellent color reproducibility. Transmission is 38% for a single polarizer, while extinction is better than 99.99% for crossed polars. Film is 0.76 mm thick.



**Polarizing Film, 50 x 50 mm Pair w/Plastic Case, USA. 15751** ... \$12.00

## Reticles & Stage Micrometers



Reticles, eyepiece, 1.5 mm thick, Klarmann Rulings, USA

\*Specify reticle diameter using 2-digit suffix,  
for example, use KR-207-21 for 21 mm diameter reticle

★ 5 mm/100 Parts. KR-209-_*	\$77.00
10 mm/100 Parts. KR-207-_*	\$77.00
Crossline 90°. KR-301-_*	\$77.00
Crossline 90° with 10 mm/100 Parts Scale. KR-257-_*	\$77.00
Howard Disc. KR-832-_*	\$77.00
Indexed Square, 100 sqs, each 1 x 1 mm. KR-406B-_*	\$77.00
1-10 on x-axis; A-J on y-axis	
Miller Disc	
Corner Square. KR-802-_*	\$77.00
Central Square. KR-802A-_*	\$77.00
Walton Beckett, G-22. KR-827-1-_*	\$189.00
Whipple Disc. KR-413-_*	\$77.00

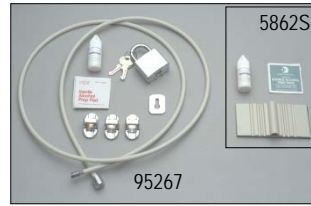


### Stage Micrometers, Transmitted Light

1 mm/100 Parts Scale (0.01 mm), Meiji. MA285	\$105.00
1 mm-0.01 mm/div on 1 mm thick slide, protected with microcoverslip. Preferred for compound microscopes.	
10 mm/100 Parts Scale (0.1 mm), Meiji. MA187	\$105.00
10 mm-0.1 mm/div on 1 mm thick slide, protected with 1 mm thick coverslip. Designed for stereo microscopes.	
25 mm Scale, USA. KR-812	\$173.00
25mm-1 mm/div, 5 mm-0.1 mm/div, 2 mm-0.02 mm/div on 3 mm thick slide. Preferred at magnifications below 400X. Ideal for large field stereo microscopes.	
0.2 mm Square/400 Squares, Meiji. MA287	\$105.00
20 vertical lines, 1 mm long and spaced 0.01 mm apart, intersect 20 similar horizontal lines to create a central 0.2 mm square consisting of 400 squares, each 0.01 mm. 1 mm thick slide is protected with microcoverslip. Useful for x-y calibration.	
0.04"/40 Parts Scale (0.001"), Meiji. MA286	\$105.00
0.04"-0.001"/div on 1 mm thick slide, protected with microcoverslip.	

### Stage Micrometer, Reflected Light

1 mm/100 Parts Scale (0.01 mm), Meiji. MA292	\$210.00
1 mm-0.01 mm/div on 3 mm thick metal slide	



Deter microscope theft. Each kit includes 3 steel mini plates, super bonding adhesive, steel padlock, and 5' steel cable. Additional cables and plates are available for expanding the basic kit.

Security Kit, Super Bond, USA. 95267	\$39.00
Extension Cable, 5'. 5859	\$11.00
Security Plate, 2 x 4". 5862S	\$25.00

## Cameras

### Analog (Video)

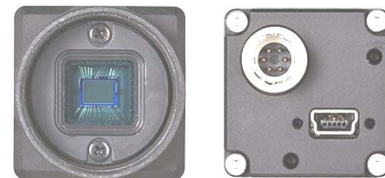


### Color, 480 TVL(H), Japan

1/3" IT CCD, 2:1 interlace, CS/C-mount. STC-630PWJ	\$490.00
1/2" IT CCD, 2:1 interlace, CS/C-mount. STC-620PWJ	\$576.00
<ul style="list-style-type: none"> <li>• NTSC (Composite) output.</li> <li>• Y/C (S-VHS) output.</li> <li>• 0.11 lux minimum illumination (AGC on)</li> <li>• Push to set white balance</li> <li>• 3-way image flip</li> <li>• Includes power supply and 12' BNC cable</li> <li>• 51(L) x 51(W) x 60.5(H) mm, 190 g</li> </ul>	

Cameras require a video coupler for microscope attachment - see VIDEO COUPLERS

### Digital



Digital Camera, Sentech. STC-MC83USB-AS	\$415.00
<ul style="list-style-type: none"> <li>• 0.8 megapixel USB 2.0 output [30 fps (live) at 1024 x 768 pixels]</li> <li>• 1/3" IT color CCD, progressive scan, XGA</li> <li>• 21 lux minimum illumination</li> <li>• Sentech Viewing software</li> <li>• CS/C-mount</li> <li>• 28(L) x 28(W) x 37(H) mm</li> </ul>	

Continued