

MICROSCOPES, CAMERAS & MAGNIFIERS

Compound Microscopes

Upright



JC-211

Jenco

BK-211, Binocular, Brightfield \$1,156.00 ↓

- Widefield 10X/20 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 20.9 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
- 27.8 cm(D) x 20 cm(W) x 40.9 cm(H)
- 5-year mechanical & optical/2-year electrical warranty

MT5300H



Meiji

MT5300H, Trinocular, Brightfield \$2,977.00

- Widefield 10X/22 eyepieces
- Trinocular, 30° inclined, Siedentopf design viewing head has single diopter; integrated male C-mount; 53-75 mm interpupillary adjustment
- Infinity-corrected, U Plan achromat 4X, 10X, 40XR, and 100XR objectives on 5-place, inward facing nosepiece
- Ball-bearing, ceramic coated mechanical stage is 19.1 cm(W) x 12.6 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



168-ASC



169-ASC

National

168-ASC, Binocular, Brightfield \$738.00

- 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, Trinocular, Brightfield \$942.00

- Trinocular version of above
- 0.5X C-mount adapter included

M15B-P



Swift

M15B-P, Binocular, Brightfield \$989.00

- Widefield 10X/20 eyepieces
- Binocular, 30° inclined, Siedentopf design viewing head has single diopter; 54-76 mm interpupillary adjustment
- Infinity-corrected, plan achromat 4X, 10X, 40XR, and 100XR objectives on 4-place, inward facing nosepiece
- Ball-bearing, mechanical stage is 14.2 cm(W) x 14 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
- 20 watt halogen illuminator
- Carrying handle
- 39 cm(D) x 18.5 cm(W) x 37 cm(H)
- Lifetime mechanical and optical/3-year electrical warranty

M15T-P, Trinocular, Brightfield \$1,237.00

- Trinocular version of above

Continued

Inverted

Jenco

- CP-2A1S, Trinocular, Brightfield/Phase \$2,295.00
- Widefield 10X/20 eyepieces
 - Trinocular, 30° inclined, Siedentopf design viewing head with single diopter; 55-75 mm interpupillary adjustment
 - Three DIN, LWD plan achromat objectives: brightfield 4X; plan phase 10X and 25X
 - 5-place, reverse facing nosepiece
 - Fixed 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; working distance of 55 mm for phase contrast, or 125 mm if swung out for brightfield
 - Centerable, dedicated phase annuli mounted on a slider
 - 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



CP-2A1

Jenco

- CP-2A1, Trinocular, Brightfield/Phase..... \$2,975.00
- 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-3A1

Jenco

- BC-3A1, Trinocular, Brightfield/Phase \$5,100.00



BC-366

Jenco

- BC-366, Trinocular, BF/Phase/Fluor \$8,960.00
- 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, angled 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
and call us to place an order

Polarized Light



Meiji Access www.meijitechno.com
and call us to place an order

Metallurgical



Jenco Access www.jencointernational.com
and call us to place an order

Meiji Access www.meijitechno.com
and call us to place an order

Measuring Microscopes, Shop



View Solutions

- Focusable, widefield 10X eyepiece with metric scale
- Choice of 50X or 100X magnification
- Rack and pinion focusing with dual knobs
- Penlight illuminator is fully adjustable and removable (two AAA batteries not included)
- Includes carrying case
- Height is 23 cm (9")
- 5-year warranty

Model	Mag.	Reticle Scale (x100)	Field of View	Working Distance	Price
PM13010311	50X	0.02 mm (0.001")	3.1 mm	17.6 mm	\$119.00
PM13010411	100X	0.01 mm (0.0004")	1.55 mm	6.93 mm	\$119.00

Student Microscopes



National

185, Monocular \$89.00

- Upright and unreversed image
- Widefield 10X eyepiece
- Monocular, 45° inclined viewing head rotates 360°
- 2X objective provides 20X magnification
- Stage has two clips and reversible black/white plate
- Rack and pinion focusing
- 26 cm (10¼") tall
- 5-year warranty
- Grades K-12



C&A Scientific

MFL-05, Monocular \$124.00

- 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, Monocular, DIN \$217.00

- 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
- 20 watt tungsten illuminator with blue filter
- 36 cm (14") tall
- Lifetime mechanical and optical/3-year electrical warranty
- Grades K-12

National

131-CLED-MS, Monocular, DIN \$283.00

- Widefield 10X eyepiece w/ pointer accepts optional reticle
- Monocular, 45° inclined viewing head rotates 360°
- 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)
- 36 cm (14") tall
- Lifetime mechanical and optical/3-year electrical warranty
- Grades K-12

Stereo Microscopes



420T-430PHF-10

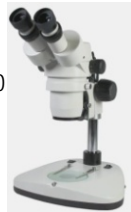
National

420-430PHF-10, 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 (12V/15W halogen incident light with rheostat control and directional beam), bottom only (5W fluorescent transmitted light), 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-430PHF-10, Trinocular, 10-40X Zoom \$659.00

- Trinocular version of above
- 2X SLR adapter & 0.4X C-mount adapter included



425-445PLL-10

National

425-445PLL-10, 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, Trinocular, 7.5-50X Zoom \$973.00

- Trinocular version of above

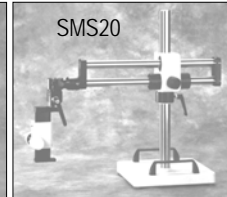


Meiji Access www.meijitechno.com
and call us to place an order

Stands



SMS16B



SMS20



SMS25

Please call regarding availability of items not listed

Boom Stands, Diagnostic Instruments

All boom stands require a focus mount

Standard, nylon bearings. **SMS16B** \$599.00

Ball Bearing

Medium-Duty. **SMS6B** \$759.00

Heavy-Duty. **SMS20-__*** See note below

Articulating Arm. **SMS25** \$1,409.00

**Access www.spotimaging.com and call us with microscope model and boom stand version to place an order*



Meiji PBH Stand
with Adapter Sleeve

Dual Illumination Stands, 6V/10W, Meiji

Pole-Type Base, 84 mm focus mount. **PBH** \$563.00

Arm-Type Base, 84 mm focus mount. **ABZH** \$612.00

Some stereo brands require an adapter sleeve

Sleeve for 76 mm dia. bodies \$30.00

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



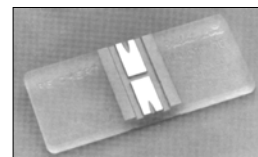
Transport and store your microscope in these protective cases. Velcro® straps and accessory pockets are provided.

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®
Hemocytometer



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

Hemocytometer, bright-lined, V-slash, Germany

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

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

Lens Tissue

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



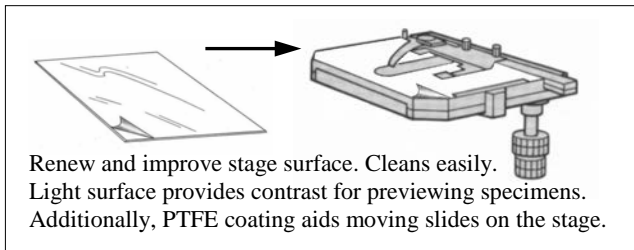
Microscope Cleaning Kit . 77600	\$30.00
Replacement Items	
Blower Bulb. 77602	\$10.50
Brush, 1½", polyester. 77603	\$3.00
Cleaning Stick. 77604	\$2.00
Lens Tissue, Premium, 7.5 x 15 cm, 50 sheets. 77605	\$3.60
Rubber Grip, 11 x 2.5 cm. 77606	\$0.50
Solvent Jar, (Empty). 77607	\$2.50
Utility Box. 77608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



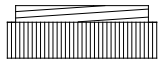
Protect your microscope from dust, light, and moisture with a durable cover.

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

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

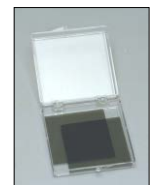


Extender tubes do not contain lenses.

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

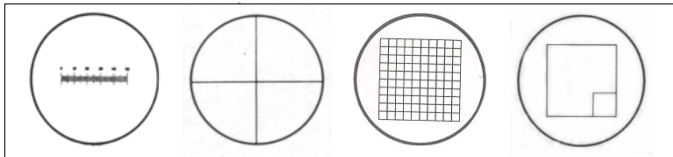
Objective Shims, fit RMS thread (20.32 mm Dia.), USA
Parfocalize objectives with these stainless steel rings.
25 µm (0.001") Thick, Pk/10. **10032061** \$16.15
50 µm (0.002") Thick, Pk/10. **10032062** \$16.15
75 µm (0.003") Thick, Pk/10. **10032063** \$16.15
100 µm (0.004") Thick, Pk/10. **10032064** \$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

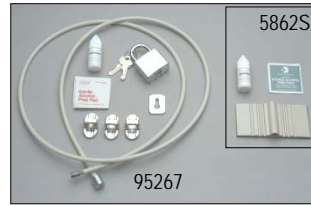


Stage Micrometers, Transmitted Light

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)

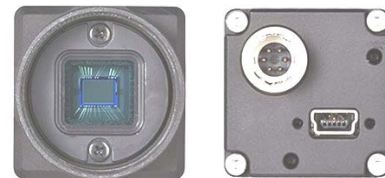


Color, 480 TVL(H), Japan

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"> • NTSC (Composite) output. • Y/C (S-VHS) output. • 0.11 lux minimum illumination (AGC on) • Push to set white balance • 3-way image flip • Includes power supply and 12' BNC cable • 51(L) x 51(W) x 60.5(H) mm, 190 g 	

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"> • 0.8 megapixel USB 2.0 output [30 fps (live) at 1024 x 768 pixels] • 1/3" IT color CCD, progressive scan, XGA • 21 lux minimum illumination • Sentech Viewing software • CS/C-mount • 28(L) x 28(W) x 37(H) mm 	

Continued



- Digital Camera, National. Moticam 2** \$332.00
- 2.0 megapixel (1600 x 1200 pixels) USB 2.0 output with card
 - 1/3" CMOS (Complementary Metal Oxide Semiconductor) chip
 - Adapters for attaching camera to microscope include a C-mount ring and couplers to fit 30-38 mm OD eyepieces
 - 12 mm focusable lens and viewing tube for macro viewing
 - 4-dot calibration slide
 - Motic Images Plus 2.0 imaging software

Digital SLR



- Digital SLR Camera, 18 megapixel, Canon. EOS Rebel T5i** \$779.00
 Includes Canon 18-55mm EF-S IS II lens, SD-16 GB card and shoulder bag.
 AC Adapter Kit. **ACK-E8** \$104.00

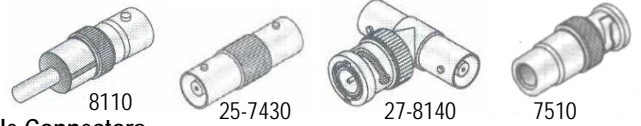
Accessories



- Adapter, CS-Mount to C-Mount, 5 mm spacer** \$15.00
Do not use this adapter ring on an existing C-mount camera, as it will negatively impact the quality and parfocality of the imaging system.

Cables

- BNC, male-to-male, 75Ω, RG59/U
 6' \$8.80
 12' \$10.60
 S-VHS, 4-pin male to 4-pin male
 6' \$10.00
 12' \$14.00



Cable Connectors

- BNC Female to RCA Male. **8110** \$5.65
 BNC Female to BNC Female. **25-7430** \$4.20
 BNC Tee, female-male-female. **27-8140** \$9.00
 RCA Female to BNC Male. **7510** \$4.50

- Cable Release. AR-3** \$24.95



Couplers, Diagnostic Instruments, USA

- 1X C-Mount for 38 mm ISO Photoport. **D10NLC** \$135.00
Fits newer Nikon and Leica microscopes
 Nikon SLR Lens to C-Mount TV. **NIKL-CMTC** \$116.00

Couplers, National

- 1X C-Mount for 23.2 mm ID Eyetube. **930-023** \$29.00
Lens free - this coupler is not parfocal

Magnifiers



ELP-174.10



ELP-750.01

Loupes

- Eye, plastic, 10X at 1", black. **ELP-174.10** \$2.60
 Triplet, 10X at 1", 18 mm, black. **ELP-750.01** \$15.95
 Three optical glass lenses bonded together create a single achromatic (color-corrected) lens. Leather case provided.



Large diameter (4 1/8") glass lens is supported on a sturdy plastic, foldout stand for hands-free viewing. Base is graduated in both cm and inches for measuring objects.

- Magnifier, Folding (Linen Tester), 3X. ELP-800.03** \$9.95



A 4X magnifying lens is attached to fine-tipped, stainless steel forceps. Forceps double as a lens support, freeing viewer's hands. Folds for storage.

- Magnifier, Forceps. M15** \$4.00

Continued



Lenses are lightweight, water-clear, and shatterproof. Molded handles protect the lens and offer comfort and balance.

Magnifier, Handle, Ultra-Optix

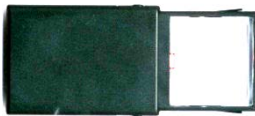
- 2" Lens, 3X. **SV-2P**..... \$5.45
- 3" Lens, 2X with 5X bifocal inset. **SV-3P**..... \$7.45
- 4" Lens, 2X with 4X bifocal inset. **SV-4P**..... \$12.55



Provides precise binocular viewing. Visor tilts out of the way when optical glass magnifiers are not needed. Adjustable headband is leather lined. Other magnifications and replacement lenses are available.

Magnifier, Headband, Optivisor®, USA

- 1.75X at 14", DA3. **ELP-503.00**..... \$48.95
- 2.5X at 8", DA5. **ELP-505.00**..... \$48.95
- 2.75X at 6", DA7. **ELP-507.00**..... \$50.95
- Light Attachment, Quasar™ LED. **ELP-558.00**..... \$29.95



View small details in low light with this compact, illuminated magnifier. Protective case keeps the lens scratch-free and serves as a handle when lens is extended.

Magnifier, Lighted, 2 x 2" lens, 2X. SV-BPL..... \$7.45



Confirm patient identification and preview the slide before examining microscopically. This macro inspection magnifier mounts onto the microscope's arm, where the lens angle can be adjusted using the double-ball joint arm. Large 3 x 1¾" lens, 2.25X, permits viewing of entire 3 x 1" glass slide.

Magnifier, Magnistitch™, USA. 15401..... \$12.50