



NATIONAL OPTICAL & SCIENTIFIC INSTRUMENTS, INC.

6508 Tri-County Parkway • Schertz, Texas 78154
PHONE (210) 590-9010 • FAX (888) 512-4111
DEALER TOLLFREE SERVICE NUMBER (800) 275-3716
WEBSITE: www.nationaloptical.com

PRICE LIST EFFECTIVE JULY 9, 2018 (List Price changes due to Section 301 Tariff)

SHIPPING: F.O.B. Schertz, Texas

NEW ACCOUNTS: National sells only to authorized dealers who are engaged in the resale of product to the end user. Contact sales department for further information.

In the event that the end user is unable to obtain replacement bulbs from a dealer, National will supply bulbs only on a direct basis. Please contact National for purchase information.

LABOR: A per unit charge will be added to dealer cost when installing any "non-National" parts to a microscope.

INTERNATIONAL SHIPMENTS: On small International shipments, National will not drop ship. These shipments must be shipped to the dealer for handling to their customer. Please contact National for large International shipments.

WARRANTIES: See page 15.

ABBREVIATIONS USED IN THIS PRICE LIST:

| | | | | | |
|------|---|---|-------|---|---|
| WF | = | Widefield eyepiece | Fluor | = | Fluorescent bulb |
| P | = | Pointer in eyepiece | MS | = | Supplied with factory mounted, add-on mechanical stage |
| R | = | Spring retractable objective | A | = | 220v version supplied with European type Plug, CE approved, no cost difference |
| C | = | Coarse focus only | D | = | 110~240v auto switching recharger, supplied w/American type plug |
| CM | = | Intermediate range focus | E | = | 110~240v auto-switching power supply, supplied w/American type plug |
| CF | = | Separate coarse & fine focus | NA | = | Not available |
| CX | = | Coaxial coarse & fine focus | | | |
| Tung | = | Tungsten bulb | | | |
| Halo | = | Halogen bulb | | | |
| LED | = | LED light: disposable battery operation | | | |
| CLED | = | LED light: corded | | | |
| RLED | = | LED light: rechargeable batteries | | | |

| | |
|--|--------------|
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NATIONAL OPTICAL & SCIENTIFIC INSTRUMENTS, INC.

6508 Tri-County Parkway Schertz, Texas 78154 Phone (210) 590-9010 Fax (888) 512-4111

| Model No. | Head | Eyepiece(s) | Obj. Turret | Objectives | Focus | Stage | Condenser | Illumination | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|-----------|------|-------------|-------------|------------|-------|-------|-----------|--------------|------------------|------------------|----------------------|-----------------|--------|
|-----------|------|-------------|-------------|------------|-------|-------|-----------|--------------|------------------|------------------|----------------------|-----------------|--------|

100 SERIES ELEMENTARY COMPOUND MICROSCOPES

| | | | | | | | | | | | | | | |
|---|---|----------|---|---------------|----|-------|----------|--------|---------|-----------|-----------|--------|----|--|
| 102 | Inclined | WF10x(P) | 3 | 4x, 10x, 40xR | CM | Clips | None | LED | | \$ 69.00 | 4/25 lbs | 18 lbs | NA | |
| 104-CLED | Inclined | WF10x(P) | 3 | 4x, 10x, 40xR | CM | Clips | Diffuser | LED | 800-001 | \$ 159.00 | 5/40 lbs. | 18 lbs | NA | |
| 106 | Vertical | WF10x(P) | 3 | 4x, 10x, 40xR | C | Clips | None | Mirror | | \$ 99.00 | 5/37 lbs | 18 lbs | | |
| 106-LED | Vertical | WF10x(P) | 3 | 4x, 10x, 40xR | C | Clips | None | LED | special | \$ 131.00 | 5/37 lbs | 18 lbs | D | |
| 109 | Inclined | WF10x(P) | 3 | 4x, 10x, 40xR | CF | Clips | None | Mirror | | \$ 122.00 | 5/37 lbs | 18 lbs | | |
| 109-LED | Inclined | WF10x(P) | 3 | 4x, 10x, 40xR | CF | Clips | None | LED | special | \$ 154.00 | 5/37 lbs | 18 lbs | D | |
| ACCESSORIES & PARTS FOR 100 SERIES | | | | | | | | | | | | | | |
| 800-001 | Replacement LED light for 104-CLED | | | | | | | | | \$ 13.00 | | | | |
| 800-101 | Replacement bulb, 120v 15 watt tungsten, D.C. medium bayonet base | | | | | | | | | \$ 6.00 | | | | |
| 802-003 | Auto cut-off recharger for rechargeable LED microscopes | | | | | | | | | \$ 36.00 | | | D | |
| 906-LED | Add-on substage LED illuminator for cordless operation. LED element equal to 20 watt tungsten bulb, powered by 3 AA rechargeable nickel metal hydride batteries, recharger (included) plugs into any 115v watt outlet, each 8-hour recharge provides 40-50 hours use. Use on any microscope that normally accepts the #900 illuminator. | | | | | | | | | \$ 43.00 | | | D | |
| 950 | Dustcover, 13" tall x 11", heavy vinyl with stitched seams | | | | | | | | | \$ 3.25 | | | | |
| 960-042 | Plano-concave mirror 42mm dia., w/5mm O.D. mounting post | | | | | | | | | \$ 13.00 | | | | |
| 970-106 | Stage clip, spring activated, supplied with M3 x 0.5 x 14 mounting screw, each | | | | | | | | | \$ 5.00 | | | | |

120 SERIES COMPOUND MICROSCOPES

| | | | | | | | | | | | | | |
|--|-------|----------|---|--------------------------|----|------|-----------|-----|---------|-----------|----------|--------|----|
| 129B-CLED | Binoc | WF10x(P) | 4 | DIN 4x, 10x, 40xR, 100xR | CF | Mech | 1.25 Abbe | LED | 800-001 | \$ 499.00 | 4/55 lbs | 25 lbs | NA |
| ACCESSORIES & PARTS FOR 120 SERIES (see above 130 series) | | | | | | | | | | | | | |

| Model No. | Head | Eyepiece(s) | Obj. Turret | Objectives | Focus | Stage | Condenser | Illumination | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|-----------|------|-------------|-------------|------------|-------|-------|-----------|--------------|------------------|------------------|----------------------|-----------------|--------|
|-----------|------|-------------|-------------|------------|-------|-------|-----------|--------------|------------------|------------------|----------------------|-----------------|--------|

130 SERIES COMPOUND MICROSCOPES

| | | | | | | | | | | | | | | |
|---|----------|--|---|--------------------------|----|-------|-----------|-----|---------|-----------|----------|--------|----|--|
| 131-CLED | Inclined | WF10x(P) | 3 | DIN 4x, 10x, 40xR | CF | Clips | 0.65 | LED | 800-001 | \$ 265.00 | 5/64 lbs | 18 lbs | NA | |
| 131-CLED-MS | Inclined | WF10x(P) | 3 | DIN 4x, 10x, 40xR | CF | Mech | 0.65 | LED | 800-001 | \$ 333.00 | 5/64 lbs | 18 lbs | NA | |
| 131-RLED | Inclined | WF10x(P) | 3 | DIN 4x, 10x, 40xR | CF | Clips | 0.65 | LED | 800-001 | \$ 275.00 | 5/64 lbs | 18 lbs | D | |
| 132-CLED | Dual | WF10x(P) (2) | 3 | DIN 4x, 10x, 40xR | CF | Clips | 0.65 | LED | 800-001 | \$ 355.00 | 5/64 lbs | 18 lbs | NA | |
| 132-CLED-MS | Dual | WF10x(P) (2) | 3 | DIN 4x, 10x, 40xR | CF | Mech | 0.65 | LED | 800-001 | \$ 423.00 | 5/64 lbs | 18 lbs | NA | |
| 133-CLED | Inclined | WF10x(P) | 4 | DIN 4x, 10x, 40xR | CF | Mech | 1.25 Abbe | LED | 800-001 | \$ 379.00 | 5/64 lbs | 18 lbs | NA | |
| 134-CLED | Inclined | WF10x(P) | 4 | DIN 4x, 10x, 40xR, 100xR | CF | Mech | 1.25 Abbe | LED | 800-001 | \$ 449.00 | 5/64 lbs | 18 lbs | NA | |
| ACCESSORIES & PARTS FOR 130 SERIES | | | | | | | | | | | | | | |
| 610-045 | | WF10x eyepiece w/pointer | | | | | | | | \$ 36.00 | | | | |
| 610-045R | | WF10x eyepiece w/reticle, 10mm/100 div. | | | | | | | | \$ 81.00 | | | | |
| 704-045 | | DIN 4x objective 0.10 N.A. | | | | | | | | \$ 25.00 | | | | |
| 710-045 | | DIN 10x objective 0.25 N.A. | | | | | | | | \$ 35.00 | | | | |
| 740-045 | | DIN 40xR objective 0.65 N.A. | | | | | | | | \$ 45.00 | | | | |
| 799-045 | | DIN 100xR objective 1.25 N.A. | | | | | | | | \$ 80.00 | | | | |
| 800-001 | | Replacement LED light | | | | | | | | \$ 13.00 | | | | |
| 800-102 | | Replacement bulb, 115v 20 watt tungsten, D.C. medium bayonet base | | | | | | | | \$ 13.00 | | | | |
| 800-138 | | Replacement bulb, 5 watt fluorescent, for Model 138/139 series microscopes can be used in 110v or 230v version of this series. | | | | | | | | \$ 11.00 | | | | |
| 801-160 | | Replacement fuse, 0.5 amp, time delay (131-CLED) | | | | | | | | \$ 7.00 | | | | |
| 802-003 | | Auto cut-off recharger for rechargeable LED microscopes | | | | | | | | \$ 36.00 | | | D | |
| 935 | | Pointer for compound microscopes, spring type | | | | | | | | \$ 6.00 | | | | |
| 951 | | Dustcover, 16" tall x 13", heavy vinyl with stitched seams | | | | | | | | \$ 8.00 | | | | |
| 965-160 | | Eyepiece reticle, 10mm/100 Div., 19mm diameter, 1.28mm thick | | | | | | | | \$ 45.00 | | | | |
| 970-131 | | Stage clip, spring activated, supplied with M3 x 0.5x x14 mounting screw, each | | | | | | | | \$ 5.00 | | | | |
| 975-001 | | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions: 14-7/8 x 7-3/4 x 10-1/2 inches. Fits all of above, except dual head models. | | | | | | | | \$ 129.00 | | | | |
| 975-002 | | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions: 17-1/4 x 8 x 11-3/4 inches. Fits dual head models. | | | | | | | | \$ 139.00 | | | | |
| Note: #910 mechanical stage is no longer sold separately. | | | | | | | | | | | | | | |

C SERIES COMPOUND MICROSCOPE

***Unit supplied with 110v~220v power supply.

| | | | | | | | | | | | | | |
|--|----------|----------|---|-------------------|----|-------|------|-----|---------|-----------|----------|--------|---|
| C1028 | Inclined | WF10x(P) | 3 | DIN 4x, 10x, 40xR | CF | Clips | 0.65 | LED | 800-001 | \$ 229.00 | 5/64 lbs | 18 lbs | D |
| ACCESSORIES & PARTS FOR C1028 (see above 130 series) | | | | | | | | | | | | | |

| Model No. | Head | Eyepiece(s) | Obj. Turret | Objectives | Focus | Stage | Condenser | Illumination | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|-----------|------|-------------|-------------|------------|-------|-------|-----------|--------------|------------------|------------------|----------------------|-----------------|--------|
|-----------|------|-------------|-------------|------------|-------|-------|-----------|--------------|------------------|------------------|----------------------|-----------------|--------|

167 SERIES COMPOUND OIL IMMERSION MICROSCOPES (built-in mechanical stage)

*Trinocular versions include video C-mount adaptor (#930-005)

| | | | | | | | | | | | | | |
|---|---------|-----------|--|--|----|------|-----------|-----|---------|------------|---|--------|---|
| 167-SP | Monoc. | WF10x | 4 | Semi-Plan DIN 4x, 10x, 40xR,100xR | CX | Mech | 1.25 Abbe | LED | 800-500 | \$ 626.00 | 1 | 33 lbs | E |
| 167-ASC | Monoc. | WF10x | 4 | Super High Contrast DIN 4x, 10x, 40xR,100xR | CX | Mech | 1.25 Abbe | LED | 800-500 | \$ 679.00 | 1 | 33 lbs | E |
| 167-P | Monoc. | WF10x | 4 | Plan Achromat DIN 4x, 10x, 40xR,100xR | CX | Mech | 1.25 Abbe | LED | 800-500 | \$ 810.00 | 1 | 33 lbs | E |
| 168-SP | Binoc. | WF10x (2) | 4 | Semi-Plan DIN 4x, 10x, 40xR,100xR | CX | Mech | 1.25 Abbe | LED | 800-500 | \$ 815.00 | 1 | 33 lbs | E |
| 168-ASC | Binoc. | WF10x (2) | 4 | Super High Contrast DIN 4x, 10x, 40xR,100xR | CX | Mech | 1.25 Abbe | LED | 800-500 | \$ 868.00 | 1 | 33 lbs | E |
| 168-P | Binoc. | WF10x (2) | 4 | Plan Achromat DIN 4x, 10x, 40xR,100xR | CX | Mech | 1.25 Abbe | LED | 800-500 | \$ 999.00 | 1 | 33 lbs | E |
| 168-PH | Binoc. | WF10x (2) | 4 | Plan Phase DIN 10x,20x,40xR,100xR | CX | Mech | 1.25 PH | LED | 800-500 | \$ 1899.00 | 1 | 38 lbs | E |
| * 169-SP | Trinoc. | WF10x (3) | 4 | Semi-Plan DIN 4x, 10x, 40xR,100xR | CX | Mech | 1.25 Abbe | LED | 800-500 | \$ 1055.00 | 1 | 33 lbs | E |
| * 169-ASC | Trinoc. | WF10x (3) | 4 | Super High Contrast DIN 4x, 10x, 40xR,100xR | CX | Mech | 1.25 Abbe | LED | 800-500 | \$ 1108.00 | 1 | 33 lbs | E |
| * 169-P | Trinoc. | WF10x (3) | 4 | Plan Achromat DIN 4x, 10x, 40xR,100xR | CX | Mech | 1.25 Abbe | LED | 800-500 | \$ 1239.00 | 1 | 33 lbs | E |
| * 169-PH | Trinoc. | WF10x (3) | 4 | Plan Phase DIN 10x,20x,40xR,100xR | CX | Mech | 1.25 PH | LED | 800-500 | \$ 2139.00 | 1 | 38 lbs | E |
| ACCESSORIES & PARTS FOR 167 SERIES | | | | | | | | | | | | | |
| 600-160 | | | Eyecup, rubber, each | | | | | | | \$ 6.00 | | | |
| 610-167 | | | WF10x eyepiece (for 167 series only) | | | | | | | \$ 57.00 | | | |
| 610-167R | | | WF10x eyepiece w/reticle, 10mm/100 div.. If for use with #168 or #169 models, also purchase second eyepiece 610-167 so eyepiece specs match. | | | | | | | \$ 102.00 | | | |
| 704-160ASC | | | DIN 4x Super High Contrast objective lens, 0.10N.A. | | | | | | | \$ 28.00 | | | |
| 704-160P | | | DIN 4x Plan Achromat objective lens, 0.10 N.A. | | | | | | | \$ 33.00 | | | |
| 704-160SP | | | DIN 4x Achromat objective lens, 0.10 N.A. | | | | | | | \$ 32.00 | | | |
| 710-160ASC | | | DIN 10x Super High Contrast objective lens, 0.25 N.A. | | | | | | | \$ 36.00 | | | |
| 710-160P | | | DIN 10x Plan Achromat objective lens, 0.25 N.A. | | | | | | | \$ 55.00 | | | |
| 710-160SP | | | DIN 10x Achromat objective lens, 0.25 N.A. | | | | | | | \$ 33.00 | | | |
| 720-160P | | | DIN 20x Plan Achromat objective lens, 0.40 N.A. | | | | | | | \$ 125.00 | | | |
| 740-160ASC | | | DIN 40xR Super High Contrast objective lens, 0.65 N.A. | | | | | | | \$ 66.00 | | | |
| 740-160P | | | DIN 40xR Plan Achromat objective lens, 0.65 N.A. | | | | | | | \$ 104.00 | | | |
| 740-160SP | | | DIN 40xR Achromat objective lens, 0.65 N.A. | | | | | | | \$ 42.00 | | | |
| 760-160P | | | DIN 60xR Plan Achromat objective lens, 0.85 N.A. | | | | | | | \$ 199.00 | | | |
| 799-160ASC | | | DIN 100xR Super High Contrast objective lens, 1.25 N.A. | | | | | | | \$ 99.00 | | | |
| 799-160P | | | DIN 100xR Plan Achromat objective lens, 1.25 N.A. | | | | | | | \$ 168.00 | | | |
| 799-160SP | | | DIN 100xR Achromat objective lens, 1.25 N.A. | | | | | | | \$ 69.00 | | | |
| 800-160 | | | Replacement bulb, 12v 20 watt halogen bi-pin (for old 160 series only) | | | | | | | \$ 15.00 | | | |
| 800-500 | | | Replacement bulb, 3 watt LED | | | | | | | \$ 36.00 | | | |
| 801-160 | | | Replacement fuse, 0.5 amp, time delay (for old 160 series 110v and 220v version) | | | | | | | \$ 7.00 | | | |

continued on next page

| Model No. | Head | Eyepiece(s) | Obj. Turret | Objectives | Focus | Stage | Condenser | Illumination | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|-----------|------|-------------|-------------|------------|-------|-------|-----------|--------------|------------------|------------------|----------------------|-----------------|--------|
|-----------|------|-------------|-------------|------------|-------|-------|-----------|--------------|------------------|------------------|----------------------|-----------------|--------|

167 SERIES COMPOUND OIL IMMERSION MICROSCOPES (built-in mechanical stage) (con't)

| | | | | | | | | | | | | | |
|---------|--|--|--|---|--|--|--|--|--|------------|---|---------|---|
| 923-160 | | | | Blue Filter, 32mm (only for use with older 160 series microscopes) | | | | | | \$ 13.00 | | | |
| 926 | | | | Phase contrast set: Centering telescope, PLAN/Phase 10x,20x, 40x, 100xR (oil immersion) objectives, Phase turret condenser assembly including one brightfield position, blue & green filters, storage case. (only for 160 series) | | | | | | \$ 1325.00 | 1 | 10 lbs. | |
| 927 | | | | Darkfield attachment (simple plug in type) | | | | | | \$ 75.00 | | | |
| 935 | | | | Pointer for compound microscopes, spring type | | | | | | \$ 6.00 | | | |
| 930-005 | | | | Video C-mount adaptor w/0.5x lens (for use with model 163 & 169 only) | | | | | | \$ 84.00 | | | |
| 930-163 | | | | SLR photo adaptor w/2.5x photo lens (for use with model 163 & 169 only) | | | | | | \$ 159.00 | | | |
| 930-169 | | | | 3rd eyepiece tube adaptor w/diopter (for use with model 169 only) | | | | | | \$ 150.00 | | | |
| 952 | | | | Dustcover, 18" tall x 16", heavy vinyl w/stitched seams | | | | | | \$ 8.50 | | | |
| 965-160 | | | | Eyepiece reticle, 10mm/100 Div., 19mm diameter, 1.28mm thick (160 series) | | | | | | \$ 45.00 | | | |
| 975-002 | | | | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions: 17-1/4 x 8 x 11-3/4 inches | | | | | | \$ 139.00 | | | |
| D-905 | | | | Power supply, auto-switching (100-240v 47-63 Hz in, 12v out) w/power cord | | | | | | \$ 83.00 | | | E |

205 SERIES COMPACT COMPOUND MICROSCOPE

| | | | | | | | | | | | | | |
|---|--------|----------|---|---------------|----|-------|------|-----|---------|-----------|----------|--------|---|
| 205-RLED | Monoc. | WF10x(P) | 3 | 4x, 10x, 40xR | CF | Clips | 0.65 | LED | 800-001 | \$ 225.00 | 4/43 lbs | 18 lbs | D |
| ACCESSORIES & PARTS FOR 205-RLED (contact National) | | | | | | | | | | | | | |

210 SERIES COMPOUND MICROSCOPES (RLED models have rechargeable batteries)

These microscopes include camera port. Camera & Adapter #930-210 sold separately.

| | | | | | | | | | | | | | |
|------------------------------------|--------|----------|---|--|----|-------|-----------|-----|---------|-----------|----------|--------|----|
| 210 | Monoc. | WF10x(P) | 3 | DIN 4x, 10x, 40xR | CF | Clips | 0.65 | LED | 800-001 | \$ 349.00 | 2/39 lbs | 33 lbs | NA |
| 210-RLED | Monoc. | WF10x(P) | 3 | DIN 4x, 10x, 40xR | CF | Clips | 0.65 | LED | 800-001 | \$ 369.00 | 2/39 lbs | 33 lbs | D |
| 211 | Monoc. | WF10x(P) | 4 | DIN 4x, 10x, 40xR | CF | Mech | 1.25 Abbe | LED | 800-001 | \$ 459.00 | 2/39 lbs | 33 lbs | NA |
| 211-RLED | Monoc. | WF10x(P) | 4 | DIN 4x, 10x, 40xR | CF | Mech | 1.25 Abbe | LED | 800-001 | \$ 479.00 | 2/39 lbs | 33 lbs | D |
| 212 | Monoc. | WF10x(P) | 4 | DIN 4x, 10x, 40xR,100xR | CF | Mech | 1.25 Abbe | LED | 800-001 | \$ 529.00 | 2/39 lbs | 33 lbs | NA |
| 212-RLED | Monoc. | WF10x(P) | 4 | DIN 4x, 10x, 40xR,100xR | CF | Mech | 1.25 Abbe | LED | 800-001 | \$ 549.00 | 2/39 lbs | 33 lbs | D |
| 213-RLED | Monoc. | WF10x(P) | 4 | DIN 4x, 10x, 40xR | CX | Mech | 1.25 Abbe | LED | 800-001 | \$ 549.00 | 2/39 lbs | 33 lbs | D |
| 214-RLED | Monoc. | WF10x(P) | 4 | DIN 4x, 10x, 40xR,100xR | CX | Mech | 1.25 Abbe | LED | 800-001 | \$ 615.00 | 2/39 lbs | 33 lbs | D |
| 215-RLED | Binoc. | WF10x(P) | 4 | DIN 4x, 10x, 40xR,100xR | CX | Mech | 1.25 Abbe | LED | 800-001 | \$ 715.00 | 2/39 lbs | 33 lbs | D |
| 215-RLED-ASC | Binoc. | WF10x(P) | 4 | DIN 4x, 10x, 40xR,100xR | CX | Mech | 1.25 Abbe | LED | 800-001 | \$ 795.00 | 2/39 lbs | 33 lbs | D |
| ACCESSORIES & PARTS FOR 210 SERIES | | | | | | | | | | | | | |
| 610-155 | | | | WF10x eyepiece w/pointer | | | | | | \$ 43.00 | | | |
| 610-155R | | | | WF10x eyepiece w/reticle, 10mm/100 div. | | | | | | \$ 88.00 | | | |
| 704-155 | | | | DIN 4x objective lens, 0.10 N.A. (210 Series only) | | | | | | \$ 25.00 | | | |
| 704-160ASC | | | | DIN 4x Super High Contrast objective lens, 0.10N.A. (Model 215-RLED only) | | | | | | \$ 28.00 | | | |
| 710-155 | | | | DIN 10x objective lens, 0.25 N.A. (210 Series only) | | | | | | \$ 35.00 | | | |
| 710-160ASC | | | | DIN 10x Super High Contrast objective lens, 0.25 N.A. (Model 215-RLED only) | | | | | | \$ 36.00 | | | |
| 740-155 | | | | DIN 40xR objective lens, 0.65 N.A. (210 Series only) | | | | | | \$ 45.00 | | | |
| 740-160ASC | | | | DIN 40xR Super High Contrast objective lens, 0.65 N.A. (Model 215-RLED only) | | | | | | \$ 66.00 | | | |
| 799-155 | | | | DIN 100xR objective lens, 1.25 N.A. (210 Series only) | | | | | | \$ 80.00 | | | |
| 799-160ASC | | | | DIN 100xR Super High Contrast objective lens, 1.25 N.A. (Model 215-RLED only) | | | | | | \$ 99.00 | | | |
| 800-001 | | | | Replacement LED light. | | | | | | \$ 13.00 | | | |
| 801-160 | | | | Replacement fuse, 0.5 amp, Time Delay | | | | | | \$ 7.00 | | | |
| 802-003 | | | | Auto cut-off recharger for rechargeable RLED microscopes | | | | | | \$ 36.00 | | | D |
| 930-210 | | | | Video C-mount adapter for 210 series top port | | | | | | \$ 95.00 | | | |
| 952 | | | | Dustcover, 18" tall x 16", heavy vinyl with stitched seams | | | | | | \$ 8.50 | | | |
| 965-160 | | | | Eyepiece reticle, 10mm/100 Div., 19mm diameter, 1.28mm thick | | | | | | \$ 45.00 | | | |
| 970-131 | | | | Stage clip, spring activated, supplied with M3 x 0.5x x14 mounting screw, each | | | | | | \$ 5.00 | | | |
| 975-002 | | | | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions: 17-1/4 x 8 x 11-3/4 inches | | | | | | \$ 139.00 | | | |

COMPOUND CORDLESS LED MICROSCOPES WITH RECHARGEABLE BATTERIES (recharger included)

These models feature LED illumination powered by three rechargeable AA Nickel Metal Hydride batteries (included). LED brightness equal to 20 watt tungsten bulb, rated 50,000 hours life. Each battery set can be recharged up to 500 times, with 40-50 hours use from each recharge. Battery recharger included with each microscope.

| Model No. | Head | Eyepiece(s) | Obj. Turret | Objectives | Focus | Stage | Condenser | Illumination | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|--------------|----------|-------------|-------------|--------------------------|-------|-------|-----------|--------------|------------------|------------------|----------------------|-----------------|--------|
| C1028 | Inclined | WF10x(P) | 3 | 4x, 10x, 40xR | CF | Clips | 0.65 | LED | 800-001 | \$ 229.00 | 5/64 lbs | 18 lbs | D |
| 106-LED | Vertical | WF10x(P) | 3 | 4x, 10x, 40xR | C | Clips | None | LED | special | \$ 131.00 | 5/37 lbs | 18 lbs | D |
| 109-LED | Inclined | WF10x(P) | 3 | 4x, 10x, 40xR | CF | Clips | None | LED | special | \$ 154.00 | 5/37 lbs | 18 lbs | D |
| 131-RLED | Inclined | WF10x(P) | 3 | DIN 4x, 10x, 40xR | CF | Clips | 0.65 | LED | 800-001 | \$ 275.00 | 5/64 lbs | 18 lbs | D |
| 205-RLED | Monoc. | WF10x | 3 | 4x, 10x, 40xR | CF | Clips | 0.65 | LED | 800-001 | \$ 225.00 | 4/43 lbs | 18 lbs | D |
| 210-RLED | Monoc. | WF10x | 3 | DIN 4x, 10x, 40xR | CF | Clips | 0.65 | LED | 800-001 | \$ 369.00 | 2/39 lbs | 33 lbs | D |
| 211-RLED | Monoc. | WF10x | 4 | DIN 4x, 10x, 40xR | CF | Mech | 1.25 Abbe | LED | 800-001 | \$ 479.00 | 2/39 lbs | 33 lbs | D |
| 212-RLED | Monoc. | WF10x | 4 | DIN 4x, 10x, 40xR, 100xR | CF | Mech | 1.25 Abbe | LED | 800-001 | \$ 549.00 | 2/39 lbs | 33 lbs | D |
| 213-RLED | Monoc. | WF10x | 4 | DIN 4x, 10x, 40xR | CX | Mech | 1.25 Abbe | LED | 800-001 | \$ 549.00 | 2/39 lbs | 33 lbs | D |
| 214-RLED | Monoc. | WF10x | 4 | DIN 4x, 10x, 40xR, 100xR | CX | Mech | 1.25 Abbe | LED | 800-001 | \$ 615.00 | 2/39 lbs | 33 lbs | D |
| 215-RLED | Binoc. | WF10x | 4 | DIN 4x, 10x, 40xR, 100xR | CX | Mech | 1.25 Abbe | LED | 800-001 | \$ 715.00 | 2/39 lbs | 33 lbs | D |
| 215-RLED-ASC | Binoc. | WF10x | 4 | DIN 4x, 10x, 40xR, 100xR | CX | Mech | 1.25 Abbe | LED | 800-001 | \$ 795.00 | 2/39 lbs | 33 lbs | D |

STEREO CORDLESS LED MICROSCOPES WITH RECHARGEABLE BATTERIES (recharger included)

These models feature LED illumination powered by three rechargeable AA Nickel Metal Hydride batteries (included). LED brightness equal to 20 watt tungsten bulb, rated 50,000 hours life. Each battery set can be recharged up to 500 times, with 20 hours use from each recharge. Battery recharger included with each microscope.

| Model No. | Head | Eyepiece(s) | Stand | Objectives | Illumination | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|--|----------|-------------|-------|---|---------------------------|--------------------|------------------|----------------------|-----------------|--------|
| 452TBL-10-LED | Inclined | WF10X | Fixed | 1x & 3x (10x & 30x mag.) | Top (LED) Bottom (LED) | 800-452 800-453 | \$ 339.00 | 4/44 lbs | 21 lbs | D |
| 453TBL-10-LED | Inclined | WF10X | Fixed | 2x & 4x (20x & 40x mag.) | Top (LED) Bottom (LED) | 800-452 800-453 | \$ 339.00 | 4/44 lbs | 21 lbs | D |
| D-ELS-1 | Inclined | WF10X | Fixed | 1x, 2x & 4x (10x, 20x & 40x mag.) | Top/Btm (LED) | NA | \$ 320.00 | 2/29 lbs | 18 lbs | D |
| ACCESSORIES & PARTS FOR CORDLESS LED W/RECHARGEABLE BATTERIES | | | | | | | | | | |
| | | 800-001 | | Replacement LED light (compound microscopes only) | | | \$ 13.00 | | | |
| | | 800-452 | | Replacement top LED bulb assembly (for 452/453 models only) | | | \$ 21.00 | | | |
| | | 800-453 | | Replacement bottom LED bulb (for 452/453 models only) | | | \$ 11.00 | | | |
| | | 802-003 | | Auto cut-off recharger for rechargeable LED microscopes | | | \$ 36.00 | | | D |
| | | 975-001 | | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions: 14-7/8 x 7-3/4 x 10-1/2 inches. Fits all models above, except 215-RLED Series | | | \$ 129.00 | | | |
| | | 975-002 | | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions: 17-1/4 x 8 x 11-3/4 inches. For 215-RLED Series only | | | \$ 139.00 | | | |
| Note: AA Nickel Metal Hydride batteries are commonly available at any grocery, drug or hardware store. Replacement lenses for above compound microscopes can be found on page 3. | | | | | | | | | | |

| Model No. | Head | Eyepiece(s) | Stand Type | Objectives | Illumination | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|-----------|------|-------------|------------|------------|--------------|------------------|------------------|----------------------|-----------------|--------|
|-----------|------|-------------|------------|------------|--------------|------------------|------------------|----------------------|-----------------|--------|

405 SERIES STEREO MICROSCOPES - INCLINED HEAD - FIXED MAGNIFICATION

| | | | | | | | | | | |
|---|----------|-------|------|---|------------|---------|-----------|----------|--------|----|
| 405TBL-10-2 | Inclined | WF10x | Post | 2x (20x mag.) | Top/Bottom | 800-400 | \$ 245.00 | 4/44 lbs | 21 lbs | NA |
| 405TBL-10-3 | Inclined | WF10x | Post | 3x (30x mag.) | Top/Bottom | 800-400 | \$ 245.00 | 4/44 lbs | 21 lbs | NA |
| ACCESSORIES & PARTS FOR 405 SERIES | | | | | | | | | | |
| 600-400 | | | | Eyepiece shields, rubber, pair | | | \$ 10.00 | | | |
| 800-400 | | | | Replacement bulb, 12v, 10 watt, tubular | | | \$ 9.00 | | | |
| 801-100 | | | | Replacement fuse, 1.0 amp | | | \$ 6.00 | | | |
| 940-400 | | | | Frosted glass stage plate, 95mm (fits 400, 405, 406, 407, 408 series prior to 9/97) | | | \$ 27.00 | | | |
| 940-410 | | | | Frosted glass stage plate, 80mm (fits all stereo models after 9/97) | | | \$ 22.00 | | | |
| 941-400 | | | | Black/white plastic contrast plate, 95mm (fits 400, 405, 406 series prior to 9/97) | | | \$ 27.00 | | | |
| 941-410 | | | | Black/white plastic contrast plate, 80mm (fits all stereo models after 9/97) | | | \$ 13.00 | | | |
| 941-460B | | | | Add-on substage LED illuminator for cordless operation. LED element equal to | | | \$ 17.00 | | | |
| 941-460W | | | | White plastic contrast plate, 80mm (405 Series purchased after 1/1/10) | | | \$ 17.00 | | | |
| 951 | | | | Dustcover, large 16" tall x 13", heavy vinyl with stitched seams | | | \$ 8.00 | | | |
| 970-400 | | | | Stage clip for stereo microscope, 75mm from post, each | | | \$ 8.00 | | | |

410 / 416 SERIES STEREO MICROSCOPES - INCLINED HEAD - DUAL MAGNIFICATION

| | | | | | | | | | | |
|---|----------|-------|-----------|---|------------------------------|--------------------|-----------|----------|--------|----|
| 410TBL-10 | Inclined | WF10x | Fixed Arm | 1x & 3x(10x & 30x) | Top (Tung) Bottom(Tung) | 800-411 800-101 | \$ 419.00 | 4/51 lbs | 21 lbs | NA |
| 410TBL-15 | Inclined | WF15x | Fixed Arm | 1x & 3x(15x & 45x) | Top (Tung) Bottom(Tung) | 800-411 800-101 | \$ 419.00 | 4/51 lbs | 21 lbs | NA |
| 411TBL-10 | Inclined | WF10x | Fixed Arm | 2x & 4x(20x & 40x) | Top (Tung) Bottom(Tung) | 800-411 800-101 | \$ 419.00 | 4/51 lbs | 21 lbs | NA |
| 411TBL-15 | Inclined | WF15x | Fixed Arm | 2x & 4x(30x & 60x) | Top (Tung) Bottom(Tung) | 800-411 800-101 | \$ 419.00 | 4/51 lbs | 21 lbs | NA |
| * 416TBL-10 | Inclined | WF10x | Fixed Arm | 1x & 3x (10x & 30x mag.) | Top (Fluor) Bottom(Fluor) | 800-138 800-138 | \$ 489.00 | 2/39 lbs | 33 lbs | NA |
| * 416TBL-15 | Inclined | WF15x | Fixed Arm | 1x & 3x (15x & 45x mag.) | Top (Fluor) Bottom(Fluor) | 800-138 800-138 | \$ 489.00 | 2/39 lbs | 33 lbs | NA |
| * 417TBL-10 | Inclined | WF10x | Fixed Arm | 2x & 4x (20x & 40x mag.) | Top (Fluor) Bottom(Fluor) | 800-138 800-138 | \$ 489.00 | 2/39 lbs | 33 lbs | NA |
| * 417TBL-15 | Inclined | WF15x | Fixed Arm | 2x & 4x (30x & 60x mag.) | Top (Fluor) Bottom(Fluor) | 800-138 800-138 | \$ 489.00 | 2/39 lbs | 33 lbs | NA |
| ACCESSORIES & PARTS FOR 410 / 416 SERIES | | | | | | | | | | |
| 498-410-10 | | | | Stereo body only, 1x-3x, w/WF10x eyepieces, no focusing block | | | \$ 265.00 | | | |
| 498-411-10 | | | | Stereo body only, 2x-4x, w/WF10x eyepieces, no focusing block | | | \$ 265.00 | | | |
| 499-410 | | | | Stand w/focusing block, fixed arm, dual illumination (410 Series only) | | | \$ 185.00 | | | NA |
| 499-416 | | | | Stand w/focusing block, fixed arm, dual illum., top & bottom #800-138 5 watt fluor. (416 Series only) | | | \$ 265.00 | | | NA |
| 600-400 | | | | Eyepiece shields, rubber, pair | | | \$ 10.00 | | | |
| 605-400 | | | | WF5x eyepieces, paired (will not accept reticle) (Note: WF5x E.P. permit only 60mm-84mm I.P.D.) | | | \$ 109.00 | | | |
| 610-400 | | | | WF10x eyepieces, paired (accepts 23mm reticle) | | | \$ 109.00 | | | |
| 610-400EA | | | | WF10x eyepiece, each (accepts 23mm reticle) | | | \$ 65.00 | | | |
| 610-400R-10 | | | | WF10x eyepiece w/reticle, 10mm/100 div., each | | | \$ 110.00 | | | |
| 615-400 | | | | WF15x eyepieces, paired (will not accept reticle) | | | \$ 109.00 | | | |
| 620-400 | | | | WF20x eyepieces, paired (will not accept reticle) | | | \$ 109.00 | | | |
| 800-101 | | | | Replacement bulb, 115v 15 watt, D.C. med. bayonet base | | | \$ 6.00 | | | |
| 800-138 | | | | Replacement bulb for top & bottom light, 5 watt fluorescent (for 110v or 220v) | | | \$ 11.00 | | | |
| 800-411 | | | | Replacement bulb, 12v 10 watt, D.C. med. bayonet base | | | \$ 9.00 | | | |
| 801-100 | | | | Replacement fuse for 110v version, 1.0 amp | | | \$ 6.00 | | | |
| 923-409 | | | | Blue filter, frosted, 35.6mm | | | \$ 13.00 | | | |
| 940-410 | | | | Frosted glass stage plate, 80mm | | | \$ 22.00 | | | |
| 941-410 | | | | Black/white plastic contrast plate, 80mm | | | \$ 13.00 | | | |
| 952 | | | | Dustcover, large, 18" tall x 16", heavy vinyl w/stitched seams | | | \$ 8.50 | | | |
| 965-400-10 | | | | Eyepiece reticle, 10mm/100 Div., 23mm diameter (for WF10x eyepieces only) | | | \$ 45.00 | | | |
| 970-400 | | | | Stage clip for stereo microscope, 75mm from post, each | | | \$ 8.00 | | | |
| 975-001 | | | | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions:14-7/8 x 7-3/4 x 10-1/2 inches. Note: Only "TBL" models above fit this case. | | | \$ 129.00 | | | |

*while supplies last

| Model No. | Head | Eyepiece(s) | Stand Type | Objectives | Illumination | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|--|---|-------------|-------------|-----------------------------------|-----------------------------|--------------------|------------------|----------------------|-----------------|--------|
| 420 / 420T SERIES STEREO ZOOM MICROSCOPES | | | | | | | | | | |
| Note: All 420T series models now include both 930-420 SLR adapter and 930-421 video adapter. | | | | | | | | | | |
| 420-430PHF-10 | Inclined | WF10x | Post | 1x to 4x Zoom (10x thru 40x mag.) | Top (Halo) Bottom(Fluor) | 800-422 800-138 | \$ 789.00 | 2/39 lbs | 33 lbs | A |
| 420-430PHF-15 | Inclined | WF15x | Post | 1x to 4x Zoom (15x thru 60x mag.) | Top (Halo) Bottom(Fluor) | 800-422 800-138 | \$ 789.00 | 2/39 lbs | 33 lbs | A |
| 420-420AHF-10 | Inclined | WF10x | Fixed Arm | 1x to 4x Zoom (10x thru 40x mag.) | Top (Halo) Bottom(Fluor) | 800-422 800-138 | \$ 789.00 | 2/39 lbs | 33 lbs | NA |
| 420-420AHF-15 | Inclined | WF15x | Fixed Arm | 1x to 4x Zoom (15x thru 60x mag.) | Top (Halo) Bottom(Fluor) | 800-422 800-138 | \$ 789.00 | 2/39 lbs | 33 lbs | NA |
| 420-1105-10 | Inclined | WF10x | Univ. Stand | 1x to 4x Zoom (10x thru 40x mag.) | None | | \$ 1015.00 | 1 | 76 lbs | |
| 420-1105-15 | Inclined | WF15x | Univ. Stand | 1x to 4x Zoom (15x thru 60x mag.) | None | | \$ 1015.00 | 1 | 76 lbs | |
| 420T-430PHF-10 | Trinoc. | WF10x | Post | 1x to 4x Zoom (10x thru 40x mag.) | Top (Halo) Bottom(Fluor) | 800-422 800-138 | \$ 915.00 | 2/39 lbs | 33 lbs | A |
| 420T-430PHF-15 | Trinoc. | WF15x | Post | 1x to 4x Zoom (15x thru 60x mag.) | Top (Halo) Bottom(Fluor) | 800-422 800-138 | \$ 915.00 | 2/39 lbs | 33 lbs | A |
| 420T-420AHF-10 | Trinoc. | WF10x | Fixed Arm | 1x to 4x Zoom (10x thru 40x mag.) | Top (Halo) Bottom(Fluor) | 800-422 800-138 | \$ 915.00 | 2/39 lbs | 33 lbs | NA |
| 420T-420AHF-15 | Trinoc. | WF15x | Fixed Arm | 1x to 4x Zoom (15x thru 60x mag.) | Top (Halo) Bottom(Fluor) | 800-422 800-138 | \$ 915.00 | 2/39 lbs | 33 lbs | NA |
| 420T-1105-10 | Trinoc. | WF10x | Univ. Stand | 1x to 4x Zoom (10x thru 40x mag.) | None | | \$ 1135.00 | 1 | 76 lbs | |
| 420T-1105-15 | Trinoc. | WF15x | Univ. Stand | 1x to 4x Zoom (15x thru 60x mag.) | None | | \$ 1135.00 | 1 | 76 lbs | |
| ACCESSORIES & PARTS FOR 420/420T SERIES | | | | | | | | | | |
| 498-420-10 | Stereo body only, 10x-40x, w/WF10x eyepieces, no focusing block | | | | | | \$ 539.00 | | | |
| 498-420T-10 | Trinocular stereo body only, 10x-40x, w/WF10x eyepieces, no focusing block | | | | | | \$ 665.00 | | | |
| 499-000 | Focusing block (fits 25mm mounting post) | | | | | | \$ 115.00 | | | |
| 499-420AHF | Stand w/focusing block, fixed arm, dual illum., top #800-422 12v 15 watt halogen bi-pin, bottom #800-138 5 watt fluorescent | | | | | | \$ 265.00 | | | NA |
| 499-430PHF | Stand w/focusing block, post mount, dual illum., top #800-422 12v 15 watt halogen bi-pin, bottom #800-138 5 watt fluorescent | | | | | | \$ 265.00 | | | A |
| 499-1105 | Universal boom stand, without focusing block, no illum. | | | | | | \$ 405.00 | 1 | 66 lbs | |
| 600-400 | Eyepiece shields, rubber, pair | | | | | | \$ 10.00 | | | |
| 605-400 | WF5x eyepieces, paired (will not accept reticle) (Note: WF5x E.P. permit only 60mm-84mm I.P.D.) | | | | | | \$ 109.00 | | | |
| 610-400 | WF10x eyepieces, paired (accepts 23mm reticle) | | | | | | \$ 109.00 | | | |
| 610-400EA | WF10x eyepiece, each (accepts 23mm reticle) | | | | | | \$ 65.00 | | | |
| 610-400R-10 | WF10x eyepiece w/reticle, 10mm/100 div., each | | | | | | \$ 110.00 | | | |
| 615-400 | WF15x eyepieces, paired (will not accept reticle) | | | | | | \$ 109.00 | | | |
| 620-400 | WF20x eyepieces, paired (will not accept reticle) | | | | | | \$ 109.00 | | | |
| 705-420 | 0.5x auxiliary objective lens; reduces magnification by 50%, increases working distance from 75mm to 131mm, doubles field diameter | | | | | | \$ 130.00 | | | |
| 775-420 | 0.75x auxiliary objective lens; reduces magnification by 25%, increases working distance from 75mm to 91mm, increases field diameter by 25% | | | | | | \$ 130.00 | | | |
| 715-420 | 1.5x auxiliary objective lens; increases magnification by 50%, reduces working distance from 75mm to 33mm, reduces field diameter by 35% | | | | | | \$ 130.00 | | | |
| 800-138 | Replacement bulb for bottom light, 110v 5 watt fluorescent | | | | | | \$ 11.00 | | | |
| 800-170 | Replacement bulb for bottom light, 12v 10 watt halogen, bi-pin | | | | | | \$ 13.00 | | | |
| 800-422 | Replacement bulb for top, 12v 15 watt halogen, bi-pin | | | | | | \$ 15.00 | | | |
| 801-050 | Replacement fuse for 220v version, 0.5 amp | | | | | | \$ 6.00 | | | |
| 801-100 | Replacement fuse for 110v version, 1.0 amp | | | | | | \$ 6.00 | | | |
| 908-LED | Ring light illumination, LED (requires #931-420) | | | | | | \$ 129.00 | | | NA |
| continued on next page | | | | | | | | | | |

| Model No. | Head | Eyepiece(s) | Stand Type | Objectives | Illumination | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|--|------|-------------|------------|--|--------------|------------------|------------------|----------------------|-----------------|--------|
| ACCESSORIES & PARTS FOR 420/420T SERIES (con't) | | | | | | | | | | |
| | | 923-409 | | Blue Filter, frosted, 35.6mm O.D. | | | \$ 13.00 | | | |
| | | 930-420 | | SLR photo adaptor with 2.0x photo lens (T-mount not included) (420T only) | | | \$ 126.00 | | | |
| | | 930-421 | | Video "C" mount with 0.4x lens (420T Series only) | | | \$ 85.00 | | | |
| | | 930-422 | | Video "C" mount with 0.5x lens (for 1/2" sensor) (420T Series only) | | | \$ 85.00 | | | |
| | | 931-420 | | Ring light adapter ring, 54.5mm O.D., 18mm extension | | | \$ 21.00 | | | |
| | | 940-410 | | Frosted glass stage plate, 80mm | | | \$ 22.00 | | | |
| | | 941-410 | | Black/white plastic contrast plate, 80mm | | | \$ 13.00 | | | |
| | | 942 | | Darkfield kit (fits all National stereo models after 9/97) | | | \$ 125.00 | | | |
| | | 943 | | Specimen holder (tweezer) (fits in place of stage clip on all stereo models) | | | \$ 69.00 | | | |
| | | 952 | | Dustcover, 18" tall x 16", heavy vinyl with stitched seams | | | \$ 8.50 | | | |
| | | 965-400-10 | | Eyepiece reticle, 10mm/100 Div., 23mm diameter (for WF10x eyepieces only) | | | \$ 45.00 | | | |
| | | 970-400 | | Stage clip for stereo microscope, 75mm from post, each | | | \$ 8.00 | | | |
| | | 975-001 | | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions: 14-7/8 x 7-3/4 x 10-1/2 inches. Note: Fits all in series except -1105 & -1107. No case available for these models. | | | \$ 129.00 | | | |

425 / 425T SERIES STEREO ZOOM MICROSCOPES

| | | | | | | | | | | |
|--|----------|-------------|------|--|--------------------------|--------------------|------------|---|--------|----|
| 425-445PLL-10 | Inclined | WF10x | Post | 0.75x to 5x Zoom (7.5x thru 50x mag.) | Top (LED) Bottom(LED) | 800-426 800-425 | \$ 1175.00 | 1 | 47 lbs | E |
| 425T-445PLL-10 | Trinoc. | WF10x | Post | 0.75x to 5x Zoom (7.5x thru 50x mag.) | Top (LED) Bottom(LED) | 800-426 800-425 | \$ 1289.00 | 1 | 47 lbs | E |
| ACCESSORIES & PARTS FOR 425 / 425T SERIES | | | | | | | | | | |
| | | 498-425-10 | | Stereo body only, 7.5x-50x mag., w/WF10x eyepieces, no focusing block | | | \$ 935.00 | | | |
| | | 498-425T-10 | | Trinocular stereo body only, 7.5x-50x mag., w/WF10x eyepieces, no focusing block | | | \$ 1049.00 | | | |
| | | 499-445PLL | | Stand w/focusing block, post mount, dual illum., top #800-426 LED, bottom #800-425 LED | | | \$ 345.00 | | | E |
| | | 600-425 | | Eyepiece shields, rubber, pair | | | \$ 10.00 | | | |
| | | 610-425R-14 | | WF10x eyepiece w/reticle, 14mm/140 Div., each | | | \$ 169.00 | | | |
| | | 720-425 | | 2.0x auxiliary objective lens; increases magnification by 100% | | | \$ 150.00 | | | |
| | | 800-425 | | Replacement LED bulb assembly for bottom light | | | \$ 36.00 | | | |
| | | 800-426 | | Replacement LED bulb assembly for top light | | | \$ 38.00 | | | |
| | | 908-LED | | Ring light illumination, LED (requires #931-425) | | | \$ 129.00 | | | NA |
| | | 930-426 | | Video adapter w/0.45x lens for 425T only | | | \$ 137.00 | | | |
| | | 931-425 | | Ring light adapter ring | | | \$ 21.00 | | | |
| | | 940-425 | | Frosted glass stage plate, 95mm | | | \$ 27.00 | | | |
| | | 952 | | Dustcover, large 18" tall x 16", heavy vinyl with stitched seams | | | \$ 8.50 | | | |
| | | 970-400 | | Stage clip for stereo microscope, 75mm from post, each | | | \$ 8.00 | | | |

| Model No. | Head | Eyepiece(s) | Stand Type | Objectives | Illumination | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|-----------|------|-------------|------------|------------|--------------|------------------|------------------|----------------------|-----------------|--------|
|-----------|------|-------------|------------|------------|--------------|------------------|------------------|----------------------|-----------------|--------|

430 SERIES STEREO MICROSCOPES - INCLINED HEAD - DUAL MAGNIFICATION

| | | | | | | | | | | | |
|---|--|-------|------|--------------------------|-----------------------------|--------------------|-----------|----------|--------|---|---|
| 430-430PHF-10 | Inclined | WF10x | Post | 1x & 3x (10x & 30x mag.) | Top (Halo) Bottom(Fluor) | 800-422 800-138 | \$ 489.00 | 2/39 lbs | 33 lbs | A | |
| 430-430PHF-15 | Inclined | WF15x | Post | 1x & 3x (15x & 45x mag.) | Top (Halo) Bottom(Fluor) | 800-422 800-138 | \$ 489.00 | 2/39 lbs | 33 lbs | A | |
| 431-430PHF-10 | Inclined | WF10x | Post | 2x & 4x (20x & 40x mag.) | Top (Halo) Bottom(Fluor) | 800-422 800-138 | \$ 489.00 | 2/39 lbs | 33 lbs | A | |
| 431-430PHF-15 | Inclined | WF15x | Post | 2x & 4x (30x & 60x mag.) | Top (Halo) Bottom(Fluor) | 800-422 800-138 | \$ 489.00 | 2/39 lbs | 33 lbs | A | |
| ACCESSORIES & PARTS FOR 430 SERIES | | | | | | | | | | | |
| 498-410-10 | Stereo body only, 1x-3x, w/WF10x eyepieces, no focusing block | | | | | | \$ 265.00 | | | | A |
| 498-411-10 | Stereo body only, 2x-4x, w/WF10x eyepieces, no focusing block | | | | | | \$ 265.00 | | | | |
| 499-430PHF | Stand w/focusing block, post mount, dual illum., top #800-422 12v 15 watt halogen bi-pin, bottom #800-138 5 watt fluorescent | | | | | | \$ 265.00 | | | | |
| 600-400 | Eyepiece shields, rubber, pair | | | | | | \$ 10.00 | | | | |
| 605-400 | WF5x eyepieces, paired (will not accept reticle) (Note: WF5x E.P. permit only 60mm-84mm I.P.D.) | | | | | | \$ 109.00 | | | | |
| 610-400 | WF10x eyepieces, paired (accepts 23mm reticle) | | | | | | \$ 109.00 | | | | |
| 610-400EA | WF10x eyepiece, each (accepts 23mm reticle) | | | | | | \$ 65.00 | | | | |
| 610-400R-10 | WF10x eyepiece w/reticle, 10mm/100 div., each | | | | | | \$ 110.00 | | | | |
| 615-400 | WF15x eyepieces, paired (will not accept reticle) | | | | | | \$ 109.00 | | | | |
| 620-400 | WF20x eyepieces, paired (will not accept reticle) | | | | | | \$ 109.00 | | | | |
| 800-138 | Replacement bulb for bottom light, 110v 5 watt fluorescent | | | | | | \$ 11.00 | | | | |
| 800-421 | Replacement bulb for top 12v 10 watt tungsten mini S.C. bayonet (for older models) | | | | | | \$ 37.00 | | | | |
| 800-422 | Replacement bulb for top, 12v 15 watt halogen, bi-pin | | | | | | \$ 15.00 | | | | |
| 801-100 | Replacement fuse for 110v version, 1.0 amp | | | | | | \$ 6.00 | | | | |
| 801-160 | Replacement fuse for 220v version, 0.5 amp time delay | | | | | | \$ 7.00 | | | | |
| 923-409 | Blue filter, frosted, 35.6mm O.D. | | | | | | \$ 13.00 | | | | |
| 940-410 | Frosted glass stage plate, 80mm (fits all stereo models after 9/97) | | | | | | \$ 22.00 | | | | |
| 941-410 | Black/white plastic contrast plate, 80mm (fits all stereo models after 9/97) | | | | | | \$ 13.00 | | | | |
| 952 | Dustcover, large 18" tall x 16", heavy vinyl with stitched seams | | | | | | \$ 8.50 | | | | |
| 965-400-10 | Eyepiece reticle, 10mm/100 Div., 23mm diameter (for WF10x eyepieces only) | | | | | | \$ 45.00 | | | | |
| 970-400 | Stage clip for stereo microscope, 75mm from post, each | | | | | | \$ 8.00 | | | | |
| 975-001 | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions:14-7/8 x 7-3/4 x 10-1/2 inches. | | | | | | \$ 129.00 | | | | |

446 SERIES STEREO MICROSCOPES - INCLINED HEAD - DUAL MAGNIFICATION

| | | | | | | | | | | |
|---|--|-------|------|--------------------|------------|---------|-----------|----------|--------|----|
| 446TBL-10 | Inclined | WF10x | Post | 1x & 3x(10x & 30x) | Top/Bottom | 800-400 | \$ 329.00 | 4/44 lbs | 21 lbs | NA |
| 446TBL-15 | Inclined | WF15x | Post | 1x & 3x(15x & 45x) | Top/Bottom | 800-400 | \$ 334.00 | 4/44 lbs | 21 lbs | NA |
| 447TBL-10 | Inclined | WF10x | Post | 2x & 4x(20x & 40x) | Top/Bottom | 800-400 | \$ 329.00 | 4/44 lbs | 21 lbs | NA |
| 447TBL-15 | Inclined | WF15x | Post | 2x & 4x(30x & 60x) | Top/Bottom | 800-400 | \$ 334.00 | 4/44 lbs | 21 lbs | NA |
| ACCESSORIES & PARTS FOR 446 SERIES | | | | | | | | | | |
| 600-400 | Eyepiece shields, rubber, pair | | | | | | \$ 10.00 | | | |
| 605-400 | WF5x eyepieces, paired (will not accept reticle) (Note: WF5x E.P. permit only 60mm-84mm I.P.D.) | | | | | | \$ 109.00 | | | |
| 610-400 | WF10x eyepieces, paired (accepts 23mm reticle) | | | | | | \$ 109.00 | | | |
| 610-400EA | WF10x eyepiece, each (accepts 23mm reticle) | | | | | | \$ 65.00 | | | |
| 610-400R-10 | WF10x eyepiece w/reticle, 10mm/100 div., each | | | | | | \$ 110.00 | | | |
| 615-400 | WF15x eyepieces, paired (will not accept reticle) | | | | | | \$ 109.00 | | | |
| 620-400 | WF20x eyepieces, paired (will not accept reticle) | | | | | | \$ 109.00 | | | |
| 800-400 | Replacement bulb, 12v, 10 watt, tubular | | | | | | \$ 9.00 | | | |
| 801-100 | Replacement fuse for 110v version, 1.0 amp | | | | | | \$ 6.00 | | | |
| 940-410 | Frosted glass stage plate, 80mm | | | | | | \$ 22.00 | | | |
| 941-410 | Black/white plastic contrast plate, 80mm | | | | | | \$ 13.00 | | | |
| 951 | Dustcover, large 16" tall x 13", heavy vinyl with stitched seams | | | | | | \$ 8.00 | | | |
| 965-400-10 | Eyepiece reticle, 10mm/100 Div., 23mm diameter (for WF10x eyepieces only) | | | | | | \$ 45.00 | | | |
| 970-400 | Stage clip for stereo microscope, 75mm from post, each | | | | | | \$ 8.00 | | | |
| 975-001 | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions:14-7/8 x 7-3/4 x 10-1/2 inches. | | | | | | \$ 129.00 | | | |

| Model No. | Head | Eyepiece(s) | Stand Type | Objectives | Illumination | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|-----------|------|-------------|------------|------------|--------------|------------------|------------------|----------------------|-----------------|--------|
|-----------|------|-------------|------------|------------|--------------|------------------|------------------|----------------------|-----------------|--------|

450 SERIES STEREO MICROSCOPES - INCLINED FIXED HEAD - DUAL MAGNIFICATION

| | | | | | | | | | | |
|---------------|----------|-------|-----------|--------------------|---------------------------|--------------------|-----------|----------|--------|----|
| 452TBL-10 | Inclined | WF10x | Fixed Arm | 1x & 3x(10x & 30x) | Top/Bottom | 800-400 | \$ 309.00 | 4/44 lbs | 21 lbs | NA |
| 452TBL-15 | Inclined | WF15x | Fixed Arm | 1x & 3x(15x & 45x) | Top/Bottom | 800-400 | \$ 314.00 | 4/44 lbs | 21 lbs | NA |
| 453TBL-10 | Inclined | WF10x | Fixed Arm | 2x & 4x(20x & 40x) | Top/Bottom | 800-400 | \$ 309.00 | 4/44 lbs | 21 lbs | NA |
| 453TBL-15 | Inclined | WF15x | Fixed Arm | 2x & 4x(30x & 60x) | Top/Bottom | 800-400 | \$ 314.00 | 4/44 lbs | 21 lbs | NA |
| 452TBL-10-LED | Inclined | WF10x | Fixed Arm | 1x & 3x(10x & 30x) | Top (LED) Bottom (LED) | 800-452 800-453 | \$ 339.00 | 4/44 lbs | 21 lbs | D |
| 452TBL-15-LED | Inclined | WF15x | Fixed Arm | 1x & 3x(15x & 45x) | Top (LED) Bottom (LED) | 800-452 800-453 | \$ 344.00 | 4/44 lbs | 21 lbs | D |
| 453TBL-10-LED | Inclined | WF10x | Fixed Arm | 2x & 4x(20x & 40x) | Top (LED) Bottom (LED) | 800-452 800-453 | \$ 339.00 | 4/44 lbs | 21 lbs | D |
| 453TBL-15-LED | Inclined | WF15x | Fixed Arm | 2x & 4x(30x & 60x) | Top (LED) Bottom (LED) | 800-452 800-453 | \$ 344.00 | 4/44 lbs | 21 lbs | D |

ACCESSORIES & PARTS FOR 450 SERIES

| | | | | |
|-------------|--|-----------|--|--|
| 600-400 | Eyepiece shields, rubber, pair | \$ 10.00 | | |
| 605-400 | WF5x eyepieces, paired (will not accept reticle) (Note: WF5x E.P. permit only 60mm-84mm I.P.D.) | \$ 109.00 | | |
| 610-400 | WF10x eyepieces, paired (accepts 23mm reticle) | \$ 109.00 | | |
| 610-400EA | WF10x eyepiece, each (accepts 23mm reticle) | \$ 65.00 | | |
| 610-400R-10 | WF10x eyepiece w/reticle, 10mm/100 div., each | \$ 110.00 | | |
| 615-400 | WF15x eyepieces, paired (will not accept reticle) | \$ 109.00 | | |
| 620-400 | WF20x eyepieces, paired (will not accept reticle) | \$ 109.00 | | |
| 800-400 | Replacement bulb, 12v, 10 watt, tubular (for non-LED models only) | \$ 9.00 | | |
| 800-452 | Replacement top LED bulb assembly (for LED models only) | \$ 21.00 | | |
| 800-453 | Replacement bottom LED bulb (for LED models only) | \$ 11.00 | | |
| 801-100 | Replacement fuse for 110v version, 1.0 amp (non-LED models only) | \$ 6.00 | | |
| 802-003 | Auto cut-off recharger for rechargeable LED microscopes | \$ 36.00 | | |
| 940-410 | Frosted glass stage plate, 80mm (fits all stereo models after 9/97) | \$ 22.00 | | |
| 941-460B | Black plastic stage plate, 80mm | \$ 17.00 | | |
| 941-460W | White plastic stage plate, 80mm | \$ 17.00 | | |
| 951 | Dustcover, large 16" tall x 13", heavy vinyl with stitched seams | \$ 8.00 | | |
| 965-400-10 | Eyepiece reticle, 10mm/100 Div., 23mm diameter (for WF10x eyepieces only) | \$ 45.00 | | |
| 970-400 | Stage clip for stereo microscope, 75mm from post, each | \$ 8.00 | | |
| 975-001 | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions:14-7/8 x 7-3/4 x 10-1/2 inches. | \$ 129.00 | | |

460 SERIES STEREO ZOOM MICROSCOPES - INCLINED HEAD - 10X THRU 30X ZOOM

| | | | | | | | | | | |
|-----------|----------|-------|-----------|-----------------------------------|-----------------------------|--------------------|-----------|----------|--------|----|
| 460TBL-10 | Inclined | WF10x | Fixed Arm | 1x to 3x Zoom (10x thru 30x mag.) | Top (Halo) Bottom(Fluor) | 800-424 800-138 | \$ 625.00 | 2/34 lbs | 21 lbs | NA |
| 460TBL-15 | Inclined | WF15x | Fixed Arm | 1x to 3x Zoom (15x thru 45x mag.) | Top (Halo) Bottom(Fluor) | 800-424 800-138 | \$ 625.00 | 2/34 lbs | 21 lbs | NA |

ACCESSORIES & PARTS FOR 460 SERIES

| | | | | |
|-------------|--|-----------|--|--|
| 600-400 | Eyepiece shields, rubber, pair | \$ 10.00 | | |
| 605-400 | WF5x eyepieces, paired (will not accept reticle) (Note: WF5x E.P. permit only 60mm-84mm I.P.D.) | \$ 109.00 | | |
| 610-400 | WF10x eyepieces, paired (accepts 23mm reticle) | \$ 109.00 | | |
| 610-400EA | WF10x eyepiece, each (accepts 23mm reticle) | \$ 65.00 | | |
| 610-400R-10 | WF10x eyepiece w/reticle, 10mm/100 div., each | \$ 110.00 | | |
| 615-400 | WF15x eyepieces, paired (will not accept reticle) | \$ 109.00 | | |
| 620-400 | WF20x eyepieces, paired (will not accept reticle) | \$ 109.00 | | |
| 800-138 | Replacement bulb for bottom light, 115v 5 watt fluorescent | \$ 11.00 | | |
| 800-424 | Replacement bulb for top light, 12v 10 watt halogen w/reflector | \$ 11.00 | | |
| 940-460 | Transparent plastic stage plate, 80mm | \$ 17.00 | | |
| 941-460B | Black plastic stage plate, 80mm | \$ 17.00 | | |
| 941-460W | White plastic stage plate, 80mm | \$ 17.00 | | |
| 952 | Dustcover, large 18" tall x 16", heavy vinyl with stitched seams | \$ 8.50 | | |
| 965-400-10 | Eyepiece reticle, 10mm/100 Div., 23mm diameter (for WF10x eyepieces only) | \$ 45.00 | | |

| Model No. | Description | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|-----------|-------------|------------------|------------------|----------------------|-----------------|--------|
|-----------|-------------|------------------|------------------|----------------------|-----------------|--------|

DC SERIES MICROSCOPES WITH BUILT-IN DIGITAL CAMERAS

See website, www.nationaloptical.com, for complete specifications. Prices include microscope with built-in digital camera, software CD for Windows 7 or above & MAC OSX and all cables required for operation.

| | | | | | | |
|--|---|--------------------------|------------|----------|--------|----|
| DC-128 | Compound microscope, 4x, 10x, 40xR, & 100XR objectives, separate coarse & fine focus, 3.0 MP, cordless LED illumination, digital signal only. | 800-001 | \$ 715.00 | 2/49 lbs | 33 lbs | D |
| DC4-211 | Compound microscope, 4x, 10x, 40xR objectives, separate coarse & fine focus, 3.0MP, LED illumination, 1.25 N.A. Abbe condenser, digital signal only. | 800-001 | \$ 1129.00 | 2/42 lbs | 33 lbs | NA |
| DC4-212 | Compound microscope, 4x, 10x, 40xR, 100xR objectives, separate coarse & fine focus, 3.0MP, LED illumination, 1.25 N.A. Abbe condenser, digital signal only. | 800-001 | \$ 1189.00 | 2/42 lbs | 33 lbs | NA |
| DC5-169-SP | Compound microscope, Semi-Plan 4x, 10x, 40xR, 100xR objectives, coaxial coarse & fine focus, 3.0 MP, LED illumination, 1.25 N.A. Abbe condenser, digital signal only. | 800-500 | \$ 2055.00 | 1 | 33 lbs | E |
| DC5-169-ASC | Compound microscope, Super Contrast 4x, 10x, 40xR, 100xR objectives, coaxial coarse & fine focus, 3.0 MP, LED illum., 1.25 N.A. Abbe condenser, digital signal only. | 800-500 | \$ 2155.00 | 1 | 33 lbs | E |
| DC5-169-P | Compound microscope, Plan 4x, 10x, 40xR, 100xR objectives, coaxial coarse & fine focus, 3.0 MP, LED illum, 1.25 N.A. Abbe condenser, digital signal only. | 800-500 | \$ 2349.00 | 1 | 33 lbs | E |
| DC5-169-PH | Compound microscope, Plan Phase 10x, 20x, 40xR, 100xR objectives, coaxial coarse & fine focus, Phase turret condenser w/one brightfield position, w/centering telescope, 3.0 MP, LED illum, 1.25 N.A. Phase condenser, digital signal only. | 800-500 | \$ 3295.00 | 1 | 38 lbs | E |
| DC4-456H | Stereo microscope, 10x & 30x magnification, 3.0 MP, digital signal only. Top illum. 12v 10 watt halogen, bottom illum. 12v 10 watt tungsten. | 800-423(T) 800-400(B) | \$ 949.00 | 4/62 lbs | 21 lbs | E |
| DC5-420TH | Stereo zoom microscope, 10x-40x magnification, digital signal only, 3.0 MP. Top illumination 12v 15 watt halogen, bottom illum. 12v 10 watt halogen. | 800-422(T) 800-170(B) | \$ 1845.00 | 1 | 26 lbs | E |
| ACCESSORIES & PARTS FOR DC SERIES | | | | | | |
| 800-001 | Replacement LED light. | | \$ 13.00 | | | |
| 800-170 | Replacement bulb, 12v 10 watt halogen, bi-pin | | \$ 13.00 | | | |
| 800-400 | Replacement bulb, 12v, 10 watt tungsten | | \$ 9.00 | | | |
| 800-422 | Replacement bulb, 12v 15 watt halogen bi-pin | | \$ 15.00 | | | |
| 800-423 | Replacement bulb, 12v 10 watt halogen bi-pin, front filament | | \$ 9.00 | | | |
| 800-500 | Replacement bulb, 3 watt LED | | \$ 36.00 | | | |
| 802-003 | Auto cut-off recharger for rechargeable LED microscopes (DC-128 only) | | \$ 36.00 | | | D |
| 975-001 | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions: 14-7/8 x 7-3/4 x 10-1/2 inches. For DC4-456H. | | \$ 129.00 | | | |
| 975-002 | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions: 17-1/4 x 8 x 11-3/4 inches. For all models. | | \$ 139.00 | | | |
| D-971-003 | Replacement calibration slide, designed for Motic imaging software | | \$ 58.00 | | | |
| D-905 | Power supply, auto-switching (100-240v 47-63 Hz in, 12v out) w/power cord | | \$ 83.00 | | | E |
| *All digital microscopes supplied with power pack that automatically switches input of 100-240Vac 50-60Hz to DC voltage output. UL and CE listed (excludes DC4-211/DC4-212). | | | | | | |

| Model No. | Description | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|-----------|-------------|------------------|------------------|----------------------|-----------------|--------|
|-----------|-------------|------------------|------------------|----------------------|-----------------|--------|

BTW1 SERIES MICROSCOPES WITH INCLUDED MOTICAM BTW8 (8" TABLET)

See website, www.nationaloptical.com, for complete specifications. Prices include microscope with included Moticam BTW8, software CD for Windows 7 or above & MAC OSX and all cables required for operation.

| | | | | | | |
|---------------|---|--------------------------|------------|---|--------|---|
| BTW1-205-RLED | Monocular compound microscope w/included Moticam BTW8, 4x, 10x, 40xR objectives, cordless rechargeable LED illumination, 4GB Micro SD Card | 800-001 | \$ 875.00 | 1 | 18 lbs | D |
| BTW1-213-RLED | Monocular compound microscope w/included Moticam BTW8, 4x, 10x, 40xR objectives, coaxial focusing, cordless rechargeable LED illumination, 4GB Micro SD card | 800-001 | \$ 1065.00 | 1 | 28 lbs | D |
| BTW1-214-RLED | Monocular compound microscope w/included Moticam BTW8, 4x, 10x, 40xR, 100xR objectives, coaxial focusing, cordless rechargeable LED illumination, 4GB Micro SD card | 800-001 | \$ 1139.00 | 1 | 28 lbs | D |
| BTW1-169-SP | Trinocular compound microscope w/included Moticam BTW8, 4x, 10x, 40xR, 100xR Semi-Plan objectives, coaxial focusing, LED illumination, 4GB Micro SD card | 800-500 | \$ 1699.00 | 1 | 54 lbs | E |
| BTW1-169-ASC | Trinocular compound microscope w/included Moticam BTW8, 4x, 10x, 40xR, 100xR ASC objectives, coaxial focusing, LED illumination, 4GB Micro SD card | 800-500 | \$ 1785.00 | 1 | 54 lbs | E |
| BTW1-169-P | Trinocular compound microscope w/included Moticam BTW8, 4x, 10x, 40xR, 100xR Plan objectives, coaxial focusing, LED illumination, 4GB Micro SD card | 800-500 | \$ 1955.00 | 1 | 54 lbs | E |
| BTW1-169-PH | Trinocular compound microscope w/included Moticam BTW8, 4x, 10x, 40xR, 100xR Phase objectives, coaxial focusing, LED illumination, 4GB Micro SD card | 800-500 | \$ 2869.00 | 1 | 54 lbs | E |
| BTW1-420TH | Trinocular stereo zoom microscope w/included Moticam BTW8, 10x-40x mag, 12v 15w halogen (top), 12v 10w halogen (bottom) illumination, 4GB Micro SD card | 800-422(T) 800-170(B) | \$ 1499.00 | 1 | 50 lbs | A |
| BTW1-425T | Trinocular stereo zoom microscope w/included Moticam BTW8, 7.5x-50x mag, dual LED illumination, 4GB Micro SD card | 800-426(T) 800-425(B) | \$ 1825.00 | 1 | 47 lbs | E |

BTW2 SERIES MICROSCOPES WITH INCLUDED MOTICAM BTW10 (10" TABLET)

See website, www.nationaloptical.com, for complete specifications. Prices include microscope with included Moticam BTW10, software CD for Windows 7 or above & MAC OSX and all cables required for operation.

| | | | | | | |
|---|---|--------------------------|------------|---|--------|---|
| BTW2-169-SP | Trinocular compound microscope w/included Moticam BTW10, 4x, 10x, 40xR, 100xR Semi-Plan objectives, coaxial focusing, LED illumination, 4GB Micro SD card | 800-500 | \$ 1795.00 | 1 | 54 lbs | E |
| BTW2-169-ASC | Trinocular compound microscope w/included Moticam BTW10, 4x, 10x, 40xR, 100xR ASC objectives, coaxial focusing, LED illumination, 4GB Micro SD card | 800-500 | \$ 1849.00 | 1 | 54 lbs | E |
| BTW2-169-P | Trinocular compound microscope w/included Moticam BTW10, 4x, 10x, 40xR, 100xR Plan objectives, coaxial focusing, LED illumination, 4GB Micro SD card | 800-500 | \$ 1955.00 | 1 | 54 lbs | E |
| BTW2-169-PH | Trinocular compound microscope w/included Moticam BTW10, 4x, 10x, 40xR, 100xR Phase objectives, coaxial focusing, LED illumination, 4GB Micro SD card | 800-500 | \$ 2595.00 | 1 | 54 lbs | E |
| BTW2-425T | Trinocular stereo zoom microscope w/included Moticam BTW10, 7.5x-50x mag, dual LED illumination, 4GB Micro SD card | 800-426(T) 800-425(B) | \$ 2075.00 | 1 | 47 lbs | E |
| ACCESSORIES & PARTS FOR BTW SERIES | | | | | | |
| 800-001 | Replacement LED light | | \$ 13.00 | | | |
| 800-170 | Replacement bulb, 12v 10 watt halogen, bi-pin | | \$ 13.00 | | | |
| 800-422 | Replacement bulb, 12v 15 watt halogen bi-pin | | \$ 15.00 | | | |
| 800-425 | Replacement LED bulb assembly for bottom light | | \$ 36.00 | | | |
| 800-426 | Replacement LED bulb assembly for top light | | \$ 38.00 | | | |
| 800-500 | Replacement bulb, 3 watt LED | | \$ 36.00 | | | |
| 802-003 | Auto cut-off recharger for rechargeable LED microscopes | | \$ 36.00 | | | D |
| D-905 | Power supply, auto-switching (100-240v 47-63 Hz in, 12v out) w/power cord | | \$ 83.00 | | | E |
| D-972-001 | Micro SD Card, 4GB | | \$ 20.00 | | | |
| D-971-003 | Replacement calibration slide, designed for Motic imaging software | | \$ 58.00 | | | |

| Model No. | Description | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|-----------|-------------|------------------|------------------|----------------------|-----------------|--------|
|-----------|-------------|------------------|------------------|----------------------|-----------------|--------|

DC20 SERIES MICROSCOPES WITH INCLUDED MOTICAM 1080* (includes camera & cables only)

See website, www.nationaloptical.com, for complete specifications. Prices include microscope with included camera and all cables required for operation.

| | | | | | | |
|--|---|--------------------------|------------|---|--------|---|
| DC20-169-SP | Trinocular compound microscope w/included Moticam 1080 camera & cables, 4x, 10x, 40xR, 100xR Semi-Plan objectives, coaxial focusing, LED illumination | 800-500 | \$ 1999.00 | 1 | 33 lbs | E |
| DC20-169-ASC | Trinocular compound microscope w/included Moticam 1080 camera & cables, 4x, 10x, 40xR, 100xR Super High Contrast objectives, coaxial focusing, LED illumination | 800-500 | \$ 2085.00 | 1 | 33 lbs | E |
| DC20-169-P | Trinocular compound microscope w/included Moticam 1080 camera & cables, 4x, 10x, 40xR, 100xR Plan objectives, coaxial focusing, LED illumination | 800-500 | \$ 2255.00 | 1 | 33 lbs | E |
| DC20-169-PH | Trinocular compound microscope w/included Moticam 1080 camera & cables, 4x, 10x, 40xR, 100xR Phase Plan objectives, coaxial focusing, LED illumination | 800-500 | \$ 3175.00 | 1 | 38 lbs | E |
| DC20-420TH | Trinocular stereo zoom microscope w/included Moticam 1080 camera & cables, 10x-40x mag., 12v 15w halogen (top), 12v 10w halogen (bottom) illumination | 800-422(T) 800-170(B) | \$ 1789.00 | 1 | 33 lbs | A |
| DC20-425T | Trinocular stereo zoom microscope w/included Moticam 1080 camera & cables, 7.5x-50x mag., dual LED illumination | 800-426(T) 800-425(B) | \$ 2215.00 | 1 | 47 lbs | E |
| ACCESSORIES & PARTS FOR DC20 SERIES | | | | | | |
| 800-170 | Replacement bulb, 12v 10 watt halogen, bi-pin | | \$ 13.00 | | | |
| 800-422 | Replacement bulb, 12v 15 watt halogen bi-pin | | \$ 15.00 | | | |
| 800-425 | Replacement LED bulb assembly for bottom light | | \$ 36.00 | | | |
| 800-426 | Replacement LED bulb assembly for top light | | \$ 38.00 | | | |
| 800-500 | Replacement bulb, 3 watt LED | | \$ 36.00 | | | |
| D-905 | Power supply, auto-switching (100-240v 47-63 Hz in, 12v out) w/power cord | | \$ 83.00 | | | E |
| D-971-003 | Replacement calibration slide, designed for Motic imaging software | | \$ 58.00 | | | |

DC30 SERIES MICROSCOPES WITH INCLUDED MOTICAM 3+ (includes camera & cables only)

See website, www.nationaloptical.com, for complete specifications. Prices include microscope with included camera and all cables required for operation.

| | | | | | | |
|--|---|--------------------------|------------|---|--------|---|
| DC30-169-SP | Trinocular compound microscope w/included Moticam 3+ camera & cables, 4x, 10x, 40xR, 100xR Semi-Plan objectives, coaxial focusing, LED illumination | 800-500 | \$ 1849.00 | 1 | 33 lbs | E |
| DC30-169-ASC | Trinocular compound microscope w/included Moticam 3+ camera & cables, 4x, 10x, 40xR, 100xR Super High Contrast objectives, coaxial focusing, LED illumination | 800-500 | \$ 1925.00 | 1 | 33 lbs | E |
| DC30-169-P | Trinocular compound microscope w/included Moticam 3+ camera & cables, 4x, 10x, 40xR, 100xR Plan objectives, coaxial focusing, LED illumination | 800-500 | \$ 1995.00 | 1 | 33 lbs | E |
| DC30-169-PH | Trinocular compound microscope w/included Moticam 3+ camera & cables, 4x, 10x, 40xR, 100xR Phase Plan objectives, coaxial focusing, LED illumination | 800-500 | \$ 2795.00 | 1 | 38 lbs | E |
| DC30-420TH | Trinocular stereo zoom microscope w/included Moticam 3+ camera & cables, 10x-40x mag., 12v 15w halogen (top), 12v 10w halogen (bottom) illumination | 800-422(T) 800-170(B) | \$ 1685.00 | 1 | 33 lbs | A |
| DC30-425T | Trinocular stereo zoom microscope w/included Moticam 3+ camera & cables, 7.5x-50x mag., dual LED illumination | 800-426(T) 800-425(B) | \$ 2165.00 | 1 | 47 lbs | E |
| ACCESSORIES & PARTS FOR DC30 SERIES | | | | | | |
| 800-170 | Replacement bulb, 12v 10 watt halogen, bi-pin | | \$ 13.00 | | | |
| 800-422 | Replacement bulb, 12v 15 watt halogen bi-pin | | \$ 15.00 | | | |
| 800-500 | Replacement bulb, 3 watt LED | | \$ 36.00 | | | |
| D-905 | Power supply, auto-switching (100-240v 47-63 Hz in, 12v out) w/power cord | | \$ 83.00 | | | E |
| D-971-003 | Replacement calibration slide, designed for Motic imaging software | | \$ 58.00 | | | |

| Model No. | Description | Replacement Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|-----------|-------------|------------------|------------------|----------------------|-----------------|--------|
|-----------|-------------|------------------|------------------|----------------------|-----------------|--------|

DCX SERIES MICROSCOPES WITH BUILT-IN WI-FI CAMERAS

See website, www.nationaloptical.com, for complete specifications. Prices include microscope with built-in digital camera, software CD for Windows 7 or above & MAC OSX and all cables required for operation.

| | | | | | | |
|---|---|---------|------------|----------|--------|---|
| DCX-205-RLED | Monocular compound microscope w/built-in digital Wi-Fi camera, 4x, 10x, 40xR objectives, cordless rechargeable LED illumination for microscope only. | 800-001 | \$ 599.00 | 1 | 11 lbs | D |
| DCX-213-RLED | Monocular compound microscope w/built-in digital Wi-Fi camera, 4x, 10x, 40xR objectives, coaxial focusing, cordless rechargeable LED illumination for microscope only. | 800-001 | \$ 955.00 | 2/33 lbs | 28 lbs | D |
| DCX-214-RLED | Monocular compound microscope w/built-in digital Wi-Fi camera, 4x, 10x, 40xR, 100xR objectives, coaxial focusing, cordless rechargeable LED illumination for microscope only. | 800-001 | \$ 1039.00 | 2/33 lbs | 28 lbs | D |
| ACCESSORIES & PARTS FOR DCX SERIES | | | | | | |
| 800-001 | Replacement LED light | | \$ 13.00 | | | |
| 802-003 | Auto cut-off recharger for rechargeable LED microscopes | | \$ 36.00 | | | D |
| 975-001 | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions: 14-7/8 x 7-3/4 x 10-1/2 inches. For DCX-205. | | \$ 129.00 | | | |
| 975-002 | Carrying case, anodized aluminum, fabric lining, accessory pockets, Velcro straps, keyed lock. Interior dimensions: 17-1/4 x 8 x 11-3/4 inches. For DCX-213/214. | | \$ 139.00 | | | |
| D-971-003 | Replacement calibration slide, designed for Motic imaging software | | \$ 58.00 | | | |

CAMERAS (see website for minimum specifications)

| | | | | | | |
|--|---|--|------------|-----------|-------|----|
| D-MOTICAM 1080 | HDMI Multi-functional digital HD camera with SD card slot. Live 1080, 2.0MP SD Card captured resolution, 1920x1080 USB computer connection, 12mm lens, 2 eyepiece adapters which fit most microscopes, calibration slide, Motic imaging software (see website for more specifications). | | \$ 999.00 | 10/36 lbs | 4 lbs | E |
| D-MOTICAM 2 | Digital camera, with Motic imaging software. 2.0 MP chip, includes removable USB 2.0 cable. Also includes 2 eyepiece adapters which fit most microscopes, 12mm lens, macro viewing tube, calibration slide. | | \$ 349.00 | 10/23 lbs | 4 lbs | NA |
| D-MOTICAM 3+ | Digital camera, with Motic imaging software. 3.0 MP chip, includes removable USB 3.0 cable. Also includes 2 eyepiece adapters which fit most microscopes, 16mm lens, macro viewing tube, calibration slide. | | \$ 699.00 | 10/23 lbs | 4 lbs | NA |
| D-MOTICAM 5+ | Digital camera, with Motic imaging software. 5.0 MP chip, includes removable USB 3.0 cable. Also includes 2 eyepiece adapters which fit most microscopes, 12mm lens, macro viewing tube, calibration slide. | | \$ 899.00 | 10/23 lbs | 4 lbs | NA |
| D-MOTICAM 10+ | Digital camera, with Motic imaging software. 10.0 MP chip, includes removable USB 3.0 cable. Also includes 2 eyepiece adapters which fit most microscopes, 12mm lens, macro viewing tube, calibration slide. | | \$ 1099.00 | 10/23 lbs | 4 lbs | NA |
| *D-MOTICAM X | Digital Wi-Fi camera, with Motic imaging software. 1.3 MP WiFi, includes removable USB 2.0 cable. Also includes 2 eyepiece adapters which fit most microscopes, 12mm lens, macro viewing tube, calibration slide. | | \$ 349.00 | 10/23 lbs | 4 lbs | NA |
| D-MOTICAM X2 | Digital Wi-Fi camera, with Motic imaging software. 1.3 MP WiFi, includes removable USB 2.0 cable, Lithium Ion battery, network port. Also includes 2 eyepiece adapters which fit most microscopes, 12mm lens, macro viewing tube, calibration slide. | | \$ 449.00 | 10/28 lbs | 4 lbs | NA |
| D-MOTICAM X3 | Digital Wi-Fi camera, with Motic imaging software. HD WiFi, includes removable USB cable, network port. Also includes 2 eyepiece adapters which fit most microscopes, focusable lens, macro viewing tube, calibration slide. **Available Late Spring 2018 | | \$ 349.00 | 10/23 lbs | 4 lbs | NA |
| ACCESSORIES & PARTS FOR CAMERAS | | | | | | |
| D-930-BAS | B & S Adapter for Moticam cameras | | \$ 130.00 | | | |
| D-971-003 | Replacement calibration slide, designed for Motic imaging software | | \$ 58.00 | | | |
| D-971-004 | Calibration plastic disk | | \$ 6.00 | | | |

*while supplies last

| Model No. | Description | Replace-ment Bulb | Suggested Retail | Master Pack & Weight | Indiv. Ship Wgt | 220v ? |
|-----------|-------------|-------------------|------------------|----------------------|-----------------|--------|
|-----------|-------------|-------------------|------------------|----------------------|-----------------|--------|

E SERIES (see website for minimum specifications)

| | | | | | | |
|---------|--|--|-----------|----------|--------|---|
| D-ELB | Binocular compound microscope, 4x, 10x, 40x, 100x obj., corded LED, coaxial, mechanical stage, 1.25 N.A. Abbe condenser | | \$ 509.00 | 1 | 18 lbs | D |
| D-ELM | Monocular compound microscope, 4x, 10x, 40x, 100x obj., corded LED, coaxial, mechanical stage, 1.25 N.A. Abbe condenser | | \$ 419.00 | 1 | 18 lbs | D |
| D-ELDB | Digital binocular compound microscope, 4x, 10x, 40x, 100x obj., corded LED, coaxial, mechanical stage 1.25 N.A. Abbe condenser, 3.0MP built-in camera w/software | | \$ 815.00 | 1 | 18 lbs | D |
| D-ELS-1 | Stereo microscope, Tri-Power 10x, 20x, & 40x mag., fixed arm, cordless rechargeable LED | | \$ 320.00 | 2/29 lbs | 18 lbs | D |
| D-ELS-4 | Stereo microscope, Zoom 7x - 45x mag., fixed arm, cordless rechargeable LED | | \$ 579.00 | 1 | 25 lbs | E |

SOFTWARE (see website for minimum specifications)

| | | | | | | |
|----------------|--|--|-----------|---|-------|----|
| D-CD3.0ML | Replacement CD for existing PC & Mac OSX users of National digital microscopes. For customers with previous versions, upgrades software to Motic Images version 3.0ML. | | \$ 39.00 | 1 | 2 lbs | NA |
| D-CDMOTICTRACE | CD, Comparison Software - Forensic software designed to allow comparison of multiple live images on a single computer monitor. | | \$ 129.50 | 1 | 2 lbs | NA |

WARRANTIES:

National has several warranties depending on the product. See product list below for type of warranty period and visit our website, www.nationaloptical.com, for warranty details under individual model number.

90-DAY LIMITED WARRANTY: Parts and software.

1-YEAR LIMITED WARRANTY: Cameras (including built-in cameras on digital microscopes)

3-YEAR LIMITED WARRANTY: C Series, E Series

5-YEAR LIMITED WARRANTY: 100 Series, Model 205-RLED, 405 Series and 450 Series

LIFETIME LIMITED WARRANTY: 130 Series, 167 Series, 210 Series, 410 Series, 416 Series, 420 & 420T Series, 425 & 425T Series, 430 Series, 446 Series, 460 Series and all digital microscopes (microscope portion only).

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