

National Optical 2024 Price List





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COMPOUND MICROSCOPES

100 Series



The 100 Series offers full-sized performance in microscopes scaled down for younger students. These microscopes are simple to use, yet prepare students for a seamless transition to high school instruction.

Precision optical systems features achromatic, optical glass lenses. Rugged metal components are engineered for years of reliable performance. Student proof features minimize loss of parts and other student abuse. Recommended for instruction through grade 6.

MODEL	HEAD	OBJECTIVES	EYEPIECE	CONDENSER	ILLUMINATION	STAGE	MSRP
102	Monocular	4X, 10X, 40XR	WF10X with pointer	None	LED	Clips	78.00
104-CLED	Monocular	4X, 10X, 40XR	WF10X with pointer	Diffuser	LED	Clips	185.00

100 SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

102 - Single: 18 lbs. / Case of 4: 25 lbs. (Domestic US only)

104-CLED - Single: 18 lbs. / Case of 5: 40 lbs. (Domestic US only)

100 SERIES PARTS & ACCESSORIES

		MSRP
800-001	Replacement LED light for 104-CLED only	16.00
802-003	Auto cut-off recharger for rechargeable LED microscopes	41.00
950	Dustcover, 13" tall x 11", heavy vinyl with stitched seams	
960-042	Plano-concave mirror 42mm dia., w/5mm O.D. mounting post	16.00
970-106	Stage clip, spring activated, supplied with M3 x 0.5 x 14 mounting screw, each	8.00

120 Series *Discontinued - While Supplies Last*



This popular choice for middle and high school instruction is enhanced with LED illumination. Delivers higher light efficiency than standard 20 watt tungsten bulb, and cool operating temperature prolongs specimen life when viewing live material. Precision optical and mechanical features combine with extra rugged construction and user-friendly features.

MODEL	HEAD	OBJECTIVES	EYEPIECE	CONDENSER	ILLUMINATION	STAGE	MSRP
129B-CLED-3	Binocular	DIN 4X, 10X, 40XR	WF10X with pointer	1.25 Abbe	LED	Mechanical	482.00
129B-CLED	Binocular	DIN 4X, 10X, 40XR, 100xR	WF10X with pointer	1.25 Abbe	LED	Mechanical	535.00
129P-RLED-3	Monocular w/ camera port	DIN 4X, 10X, 40XR	WF10X with pointer	1.25 Abbe	LED	Mechanical	445.00
129P-RLED	Monocular w/ camera port	DIN 4X, 10X, 40XR, 100xR	WF10X with pointer	1.25 Abbe	LED	Mechanical	509.00

120 SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

Single: 25 lbs. / Case of 4: 55 lbs. (Domestic US only)

120 SERIES PARTS & ACCESSORIES

	MSRP	
610-045	WF10x eyepiece w/pointer	41.00
610-045R	WF10x eyepiece w/reticle, 10mm/100 div.	92.00
704-045	DIN 4x objective 0.10 N.A.	30.00
710-045	DIN 10x objective 0.25 N.A.	40.00
740-045	DIN 40xR objective 0.65 N.A.	52.00
799-045	DIN 100xR objective 1.25 N.A.	91.00
800-001	Replacement LED light	16.00
801-160	Replacement fuse, 0.5 amp, time delay (131-CLED)	10.00
802-003	Auto cut-off recharger for rechargeable LED microscopes	41.00
935	Pointer for compound microscopes, spring type	9.00
957	Dustcover, 18" tall x 17", heavy vinyl with stitched seams	9.00
965-160	Eyepiece reticle, 10mm/100 Div., 19mm diameter, 1.28mm thick	52.00
970-131	Stage clip, spring activated, supplied with M3 x 0.5x x14 mounting screw, each	8.00
Please note: 910 mechanical stage no longer sold separately		

130 Series & C Series



The 131 Series includes microscopes that set the standard for high school instruction, now with the freedom of rechargeable batteries. Includes all the most commonly specified features of schools, like rugged metal construction and locked-on parts.

Superior DIN optical system and precision mechanical components assure parfocussed and parcentered optical alignment for sharp, unsurpassed viewing. Utilizes rechargeable batteries for bright, cool illumination from long-life LED bulbs.

MODEL	HEAD	OBJECTIVES	EYEPIECE	CONDENSER	ILLUMINATION	STAGE	MSRP
131-RLED	Monocular	DIN 4X, 10X, 40XR	WF10X with pointer	0.65	LED	Clips	304.00
131-RLED-MS	Monocular	DIN 4X, 10X, 40XR	WF10X with pointer	0.65	LED	Mechanical	381.00
132-CLED	Dual View	DIN 4X, 10X, 40XR	WF10X with pointer	0.65	LED	Clips	393.00
132-CLED-MS	Dual View	DIN 4X, 10X, 40XR	WF10X with pointer	0.65	LED	Mechanical	468.00
133-CLED	Monocular	DIN 4X, 10X, 40XR	WF10X with pointer	1.25 Abbe	LED	Mechanical	419.00
134-CLED	Monocular	DIN 4X, 10X, 40XR, 100XR	WF10X with pointer	1.25 Abbe	LED	Mechanical	497.00
C1028	Monocular	DIN 4X, 10X, 40XR	WF10X with pointer	0.65	LED	Clips	254.00

130 SERIES & C SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

Single: 18 lbs. / Case of 5: 64 lbs. (Domestic US only)

130 SERIES & C SERIES PARTS & ACCESSORIES

		MSRP
610-045	WF10x eyepiece w/pointer	41.00
610-045R	WF10x eyepiece w/reticle, 10mm/100 div.	92.00
704-045	DIN 4x objective 0.10 N.A.	30.00
710-045	DIN 10x objective 0.25 N.A.	40.00
740-045	DIN 40xR objective 0.65 N.A.	52.00
799-045	DIN 100xR objective 1.25 N.A.	91.00
800-001	Replacement LED light	16.00
801-160	Replacement fuse, 0.5 amp, time delay (131-CLED)	10.00
802-003	Auto cut-off recharger for rechargeable LED microscopes	41.00
930-210	Video C-mount adapter for 129P, 210 series, 130 Series, and C1028 top port	108.00
935	Pointer for compound microscopes, spring type	9.00
957	Dustcover, 18" tall x 17", heavy vinyl with stitched seams	9.00
965-160	Eyepiece reticle, 10mm/100 Div., 19mm diameter, 1.28mm thick	52.00
970-131	Stage clip, spring activated, supplied with M3 x 0.5x x14 mounting screw, each	8.00
	Please note: 910 mechanical stage no longer sold separately	

200 Series



The 200 Series is a new standard of precision optics, highly engineered mechanics and very rugged construction, all at a little more cost than a budget microscope. Objective turret (nosepiece) is in reverse position to permit easier changing and positioning of specimen slides. Preferred by teachers, the rechargeable LED illumination system provides optimum image brightness, virtually no bulb heat and has a 50,000-hour rated bulb life.

Please note: C-mount adapter sold separately.

MODEL	HEAD	OBJECTIVES	EYEPIECE	CONDENSER	ILLUMINATION	STAGE	MSRP
205-RLED	Monocular	4X, 10X, 40XR	WF10X w/ pointer	0.65	Rechargeable LED	Clips	255.00
210-RLED	Monocular w/ camera port	DIN 4X, 10X, 40XR	WF10X w/ pointer	0.65	Rechargeable LED	Clips	416.00
211-RLED	Monocular w/ camera port	DIN 4X, 10X, 40XR	WF10X w/ pointer	1.25 Abbe	Rechargeable LED	Mechanical	540.00
212-RLED	Monocular w/ camera port	DIN 4X, 10X, 40XR, 100XR	WF10X w/ pointer	1.25 Abbe	Rechargeable LED	Mechanical	619.00
213-RLED	Monocular w/ camera port	DIN 4X, 10X, 40XR	WF10X w/ pointer	1.25 Abbe	Rechargeable LED	Mechanical	619.00
214-RLED	Monocular w/ camera port	DIN 4X, 10X, 40XR, 100XR	WF10X w/ pointer	1.25 Abbe	Rechargeable LED	Mechanical	692.00
215-RLED	Binocular	DIN 4X, 10X, 40XR, 100XR	WF10X w/ pointer	1.25 Abbe	Rechargeable LED	Mechanical	806.00
215-RLED-ASC	Binocular	DIN 4X, 10X, 40XR, 100XR	WF10X w/ pointer	1.25 Abbe	Rechargeable LED	Mechanical	895.00

200 SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

205-RLED - Single: 18 lbs. / Case of 4: 43 lbs. (Domestic US only)

210 Series - Single: 33 lbs. / Case of 2: 39 lbs. (Domestic US only)

200 SERIES PARTS & ACCESSORIES

		MSRP
610-155	WF10x eyepiece w/pointer	50.00
610-155R	WF10x eyepiece w/reticle, 10mm/100 div.	100.00
704-155	DIN 4x objective lens, 0.10 N.A. (210 Series only)	30.00
704-160ASC	DIN 4x Super High Contrast objective lens, 0.10N.A. (Model 215-RLED only)	33.00
710-155	DIN 10x objective lens, 0.25 N.A. (210 Series only)	40.00
710-160ASC	DIN 10x Super High Contrast objective lens, 0.25 N.A. (Model 215-RLED only)	41.00
740-155	DIN 40xR objective lens, 0.65 N.A. (210 Series only)	52.00
740-160ASC	DIN 40xR Super High Contrast objective lens, 0.65 N.A. (Model 215-RLED only)	76.00
799-155	DIN 100xR objective lens, 1.25 N.A. (210 Series only)	91.00
799-160ASC	DIN 100xR Super High Contrast objective lens, 1.25 N.A. (Model 215-RLED only)	113.00
800-001	Replacement LED light	16.00
801-160	Replacement fuse, 0.5 amp, Time Delay	10.00
802-003	Auto cut-off recharger for rechargeable RLED microscopes	41.00
930-210	Video C-mount adapter for 210 series top port	108.00
957	Dustcover, 18" tall x 17", heavy vinyl with stitched seams	9.00
965-160	Eyepiece reticle, 10mm/100 Div., 19mm diameter, 1.28mm thick	52.00
970-131	Stage clip, spring activated, supplied with M3 x 0.5x x14 mounting screw, each	8.00
For 205-RLED parts and accessories please contact National Optical		

167 Series



Superior in design and in performance, the 167 Series incorporates a wide range of features designed for university and laboratory use. Superb optical clarity and reliable mechanical engineering assure years of top performance.

Trinocular versions of this series include video C-mount adapter.

MODEL	HEAD	OBJECTIVES	EYEPIECE	CONDENSER	ILLUMINATION	STAGE	MSRP
167-SP	Monocular	Semi-Plan 4X, 10X, 40XR-100XR	WF10X	1.25 Abbe	LED	Mechanical	706.00
167-ASC	Monocular	Super High Contrast 4X, 10X, 40XR, 100XR	WF10X	1.25 Abbe	LED	Mechanical	765.00
167-P	Monocular	Plan 4X, 10X, 40XR, 100XR	WF10X	1.25 Abbe	LED	Mechanical	913.00
168-SP	Binocular	Semi-Plan 4X, 10X, 40XR-100XR	WF10X	1.25 Abbe	LED	Mechanical	918.00
168-ASC	Binocular	Super High Contrast 4X, 10X, 40X, 100XR	WF10X	1.25 Abbe	LED	Mechanical	978.00
168-P	Binocular	Plan 4X, 10X, 40XR, 100XR	WF10X	1.25 Abbe	LED	Mechanical	1124.00
169-SP*	Trinocular	Semi-Plan 4X, 10X, 40XR-100XR	WF10X	1.25 Abbe	LED	Mechanical	1188.00
169-ASC*	Trinocular	Super High Contrast 4X, 10X, 40X, 100XR	WF10X	1.25 Abbe	LED	Mechanical	1248.00
169-P*	Trinocular	Plan 4X, 10X, 40XR, 100XR	WF10X	1.25 Abbe	LED	Mechanical	1393.00

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

167 SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

Single: 33 lbs. / Case of 1: 33 lbs. (Domestic US only)

167 SERIES PARTS & ACCESSORIES

		MSRP
600-160	Eyecup, rubber, each	9.00
610-167	WF10x eyepiece (for 167 series only) Note: Old 160 series (halogen) also purchase second eyepiece 610-167 so eyepiece specs match	66.00
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	116.00
704-160ASC	DIN 4x Super High Contrast objective lens, 0.10N.A.	33.00
704-160P	DIN 4x Plan Achromat objective lens, 0.10 N.A.	38.00
704-160SP	DIN 4x Achromat objective lens, 0.10 N.A	37.00
710-160ASC	DIN 10x Super High Contrast objective lens, 0.25 N.A.	41.00
710-160P	DIN 10x Plan Achromat objective lens, 0.25 N.A.	63.00
710-160SP	DIN 10x Achromat objective lens, 0.25 N.A.	38.00
720-160P	DIN 20x Plan Achromat objective lens, 0.40 N.A.	142.00
740-160ASC	DIN 40xR Super High Contrast objective lens, 0.65 N.A.	76.00
740-160P	DIN 40xR Plan Achromat objective lens, 0.65 N.A.	119.00
740-160SP	DIN 40xR Achromat objective lens, 0.65 N.A.	49.00
760-160P	DIN 60xR Plan Achromat objective lens, 0.85 N.A.	225.00
799-160ASC	DIN 100xR Super High Contrast objective lens, 1.25 N.A.	113.00
799-160P	DIN 100xR Plan Achromat objective lens, 1.25 N.A.	191.00
799-160SP	DIN 100xR Achromat objective lens, 1.25 N.A.	79.00
800-160	Replacement bulb, 12v 20 watt halogen bi-pin (for old 160 series only)	18.00
800-500	Replacement bulb, 3 watt LED	47.00
801-160	Replacement fuse, 0.5 amp, time delay (for old 160 series 110v and 220v version)	10.00
935	Pointer for compound microscopes, spring type	9.00
930-005	Video C-mount adapter w/0.5x lens (for use with model 163 & 169 only)	96.00
930-163	SLR photo adapter w/2.5x photo lens (for use with model 163 & 169 only)	180.00
930-169	3rd eyepiece tube adapter w/diopter (for use with model 169 only - eyepiece not included)	171.00
957	Dustcover, 18" tall x 17", heavy vinyl w/stitched seams	9.00
965-160	Eyepiece reticle, 10mm/100 Div., 19mm diameter, 1.28mm thick (160 series)	52.00
D-905	Power supply, auto-switching (100-240v 47-63 Hz in, 12v out) w/power cord	95.00

Stellar1 Series



Stellar series teaching and laboratory biological microscopes adopt a new structural design, with a smoother appearance and stable performance.

The use of infinity independent chromatic aberration correction optical system and broadband coated plan achromatic objective lens ensures high contrast of microscopic images, which is of great significance in improving optical performance and function expansion.

Please note: 0.5X C-mount adapter is not included with trinocular versions and may be purchased separately (930-STLR-05).

MODEL	HEAD	OBJECTIVES	EYEPIECE	CONDENSER	ILLUMINATION	STAGE	MSRP
D-STELLAR 1-B-3	Binocular	4x, 10x, 40x DIN Achromat	WF10X & 25X	N.A. 1.25 Abbe w/ Iris	1W LED	Mechanical	419.00
D-STELLAR 1-B-4	Binocular	4x, 10x, 40x, 100x DIN Achromat	WF10X & 25X	N.A. 1.25 Abbe w/ Iris	1W LED	Mechanical	480.00
D-STELLAR 1-T-3	Trinocular	4x, 10x, 40x DIN Achromat	WF10X & 25X	N.A. 1.25 Abbe w/ Iris	1W LED	Mechanical	470.00
D-STELLAR 1-T-4	Trinocular	4x, 10x, 40x, 100x DIN Achromat	WF10X & 25X	N.A. 1.25 Abbe w/ Iris	1W LED	Mechanical	531.00
D-STELLAR 1 PRO-B-3	Binocular	4x, 10x, 40x Infinity Corrected	WF10X & 25X	N.A. 1.25 Abbe w/ Iris	1W LED	Mechanical	571.00
D-STELLAR 1 PRO-B-4	Binocular	4x, 10x, 40x, 100x Infinity Corrected	WF10X & 25X	N.A. 1.25 Abbe w/ Iris	1W LED	Mechanical	723.00
D-STELLAR 1 PRO-T-3	Trinocular	4x, 10x, 40x Infinity Corrected	WF10X & 25X	N.A. 1.25 Abbe w/ Iris	1W LED	Mechanical	618.00
D-STELLAR 1 PRO-T-4	Trinocular	4x, 10x, 40x, 100x Infinity Corrected	WF10X & 25X	N.A. 1.25 Abbe w/ Iris	1W LED	Mechanical	770.00
D-STELLAR 1-T-4- BT11	Trinocular	4x, 10x, 40x, 100x DIN Achromat	WF10X & 25X	N.A. 1.25 Abbe w/ Iris	1W LED	Mechanical	1281.00
D-STELLAR 1-T-4-X5	Trinocular	4x, 10x, 40x, 100x DIN Achromat	WF10X & 25X	N.A. 1.25 Abbe w/ Iris	1W LED	Mechanical	953.00
D-STELLAR 1 PRO- T-4-BT11	Trinocular	4x, 10x, 40x, 100x Infinity Corrected	WF10X & 25X	N.A. 1.25 Abbe w/ Iris	1W LED	Mechanical	1520.00
D-STELLAR 1 PRO- T-4-X5	Trinocular	4x, 10x, 40x, 100x Infinity Corrected	WF10X & 25X	N.A. 1.25 Abbe w/ Iris	1W LED	Mechanical	1192.00

STELLAR1 SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

Single: 33 lbs. / Case of 1: 33 lbs. (Domestic US only)

STELLAR1 SERIES PARTS & ACCESSORIES

		MSRP
610-STLR	Eyepiece, WF10X, 18mm for Stellar Series	\$40.00
616-STLR	Eyepiece, WF16X for Stellar Series	\$32.00
625-STLR	Eyepiece, WF25X for Stellar Series	\$30.00
704-STLR	4X achromatic objective lens for Stellar Series	\$33.00
704-STLR-IP	4X IASC infinity corrected plan objective lens for Stellar Series	\$91.00
710-STLR	10X achromatic objective lens for Stellar Series	\$52.00
710-STLR-IP	10X IASC infinity corrected plan objective lens for Stellar Series	\$108.00
720-STLR	20X DIN spring objective lens for Stellar Series	\$54.00
740-STLR	40X achromatic objective lens for Stellar Series	\$52.00
740-STLR-IP	40X IASC infinity corrected plan objective lens for Stellar Series	\$198.00
760-STLR	60X spring objective lens for Stellar Series	\$80.00
799-STELLAR-DA	100X DIN achromat objective lens for Stellar1	\$61.00
799-STELLAR-IP	100X infinity plan objective lens for Stellar1 Pro	\$288.00
930-STLR-05	0.5X focusable C-mount adapter for Stellar Series	\$105.00
932-STLR-EP	Eyepiece adapter for Stellar Series	\$8.00
950-STLR	Dustcover, vinyl, for Stellar Series	\$8.00

STEREO MICROSCOPES

420T Series *While Supplies Last*



The convenience and versatility of viewing a large picture at 10x magnification, then zooming continuously all the way to close-up detail at 40x magnification. Upright, unreversed 3-dimensional image remains in focus throughout zoom range. Optional eyepieces and auxiliary objectives expand magnification range and working distances.

Post stand offers conventional stereo use, while universal stand features heavy construction and counterbalanced arm for maximum stability. With an adjustable mounting post, it provides extreme flexibility in positioning.

MODEL	HEAD	OBJECTIVES	STAND TYPE	ILLUMINATION	ARM	MSRP
420T-430PLL-10	Trinocular	1X-4X Zoom (10-40X Mag.)	Post	Top LED/Bottom LED	Post	955.00

420T SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

420T-430PLL-10 - Single: 33 lbs. / Case of 2: 39 lbs. (Domestic US only)

420T SERIES PARTS & ACCESSORIES *WHILE SUPPLIES LAST*

		MSRP
499-000	Focusing block (fits 25mm mounting post)	120.00
499-1105	Universal boom stand, without focusing block, no illum.	417.00
600-400	Eyepiece shields, rubber, pair	13.00
605-400	WF5x eyepieces, paired (will not accept reticle) Note: WF5x E.P. permit only 60mm-84mm I.P.D.	124.00
610-400	WF10x eyepieces, paired (accepts 23mm reticle)	124.00
610-400EA	WF10x eyepiece, each (accepts 23mm reticle)	75.00
610-400R-10	WF10x eyepiece w/reticle, 10mm/100 div., each	125.00
615-400	WF15x eyepieces, paired (will not accept reticle)	124.00
620-400	WF20x eyepieces, paired (will not accept reticle)	124.00
705-420	0.5x auxiliary objective lens; reduces magnification by 50%, increases working distance from 75mm to 131mm, doubles field diameter	147.00
775-420	0.75x auxiliary objective lens; reduces magnification by 25%, increases working distance from 75mm to 91mm, increases field diameter by 25%	147.00
715-420	1.5x auxiliary objective lens; increases magnification by 50%, reduces working distance from 75mm to 33mm, reduces field diameter by 35%	147.00
800-422	Replacement bulb for top, 12v 15 watt halogen, bi-pin (420AHF/430PHF Base)	18.00
800-427	Replacement bulb for top, LED	53.00
800-428	Replacement bulb for bottom, LED	16.00
801-100	Replacement fuse for 110v version, 1.0 amp	9.00
908-LED	Ring light illumination, LED (requires #931-420)	146.00
930-420	SLR photo adapter with 2.0x photo lens (T-mount not included) (420T only)	143.00
930-421	Video "C" mount with 0.4x lens (420T Series only)	97.00
930-422	Video "C" mount with 0.5x lens (for 1/2" sensor) (420T Series only)	97.00
931-420	Ring light adapter ring, 54.5mm O.D., 18mm extension	25.00
940-410	Frosted glass stage plate, 80mm	27.00
941-410	Black/white plastic contrast plate, 80mm	16.00
957	Dustcover, 18" tall x 17", heavy vinyl with stitched seams	9.00
965-400-10	Eyepiece reticle, 10mm/100 Div., 23mm diameter (for WF10x eyepieces only)	52.00
970-400	Stage clip for stereo microscope, 75mm from post, each	11.00

405 Series



The 405 Series offers the same high quality optical system and precise mechanical components of our larger stereo microscopes. Designed for both the beginner or the general hobbyist.

Choose between 2X or 3X fixed magnification.

MODEL	HEAD	OBJECTIVES	STAND TYPE	ILLUMINATION	ARM	MSRP
405TBL-10-2	Binocular	2X (20X Mag.)	Post	Top/Bottom	Post	244.00
405TBL-10-3	Binocular	3X (30X Mag.)	Post	Top/Bottom	Post	244.00

405 SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

Single: 21 lbs. / Case of 4: 44 lbs. (Domestic US only)

405 SERIES PARTS & ACCESSORIES

		MSRP
600-400	Eyepiece shields, rubber, pair	13.00
800-400	Replacement bulb, 12v, 10 watt, tubular	12.00
801-100	Replacement fuse, 1.0 amp	9.00
940-410	Frosted glass stage plate, 80mm (fits all stereo models after 9/97)	27.00
941-410	Black/white plastic contrast plate, 80mm (fits all stereo models after 9/97)	16.00
941-460B	Add-on substage LED illuminator for cordless operation	20.00
941-460W	White plastic contrast plate, 80mm (405 Series purchased after 1/1/10)	20.00
956	Dustcover, large 16" tall x 14", heavy vinyl with stitched seams	11.00
970-400	Stage clip for stereo microscope, 75mm from post, each	11.00

440/440T Series



The 440 Series are professional-quality stereo microscopes for industrial and educational settings. The large zoom ratio of 6:1 and a standard working distance of 110mm provide the flexibility to support a large number of potential applications while the addition of an auxiliary lens or substitute eyepieces extend the magnification up to a maximum of 180X.

MODEL	HEAD	OBJECTIVES	STAND TYPE	ILLUMINATION	ARM	MSRP
440-440P	Binocular	0.75X-4.5X Zoom (7.5-45X Mag.)	Plain	None	Post	855.00
440-440PLL	Binocular	0.75X-4.5X Zoom (7.5-45X Mag.)	Post	Top LED/Bottom LED	Post	1037.00
440T-440P	Trinocular	0.75X-4.5X Zoom (7.5-45X Mag.)	Plain	None	Post	958.00
440T-440PLL	Trinocular	0.75X-4.5X Zoom (7.5-45X Mag.)	Post	Top LED/Bottom LED	Post	1176.00

440/440T SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

Single: 16 lbs. / Case of 2: 29 lbs. (Domestic US only)

440/440T SERIES PARTS & ACCESSORIES

		MSRP
499-003	Focus block for 440/440T Series	93.00
610-400	WF10X/20mm eyepiece, each	49.00
615-400	WF15X/15mm eyepiece, each	55.00
620-400	WF20X/10mm eyepiece, each	82.00
703-440	Auxiliary objective, 0.35X	112.00
705-440	Auxiliary objective, 0.5X	112.00
715-440	Auxiliary objective, 1.5X	112.00
720-440	Auxiliary objective, 2.0X	112.00
775-440	Auxiliary objective, 0.75X	112.00
905-440-LED	3W incident LED illumination assembly	71.00
909-440	3W transmitted LED illumination assembly	31.00
930-440-035	Camera adapter, 0.35X	150.00
930-440-05	Camera adapter, 0.5X	150.00
930-440-1	Camera adapter, 1X	131.00
940-410	Frosted glass stage plate, 80mm	27.00
941-410	Black/white plastic contrast plate, 80mm	16.00
957	Dustcover, 18" tall x 17", heavy vinyl with stitched seams	9.00
1101001401841	Micrometer (100 divisions in 10mm - 25mm diameter) for WF10X eyepiece only	58.00
970-400	Stage clip for stereo microscope, 75mm from post, each	11.00

446 Series



All the quality features and versatility of larger stereo microscopes, in a compact size that is more efficient for many uses. Choose low or high magnification simply by turning the objective turret. Viewing head is 45 degrees inclined and rotates 360 degrees so that user can position microscope conveniently in forward or reverse viewing position. Post mount permits head to be adjusted up or down to accommodate larger objects on stage.

MODEL	HEAD	OBJECTIVES	STAND TYPE	ILLUMINATION	ARM	MSRP
446TBL-10	Binocular	1X & 3X (10X & 30X Mag.)	Post	Top/Bottom	Post	327.00

446 SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

Single: 21 lbs. / Case of 4: 44 lbs. (Domestic US only)

446 SERIES PARTS & ACCESSORIES

		MSRP
600-400	Eyepiece shields, rubber, pair	13.00
605-400	WF5x eyepieces, paired (will not accept reticle) Note: WF5x E.P. permit only 60mm-84mm I.P.D.	124.00
610-400	WF10x eyepieces, paired (accepts 23mm reticle)	124.00
610-400EA	WF10x eyepiece, each (accepts 23mm reticle)	75.00
610-400R-10	WF10x eyepiece w/reticle, 10mm/100 div., each	125.00
615-400	WF15x eyepieces, paired (will not accept reticle)	124.00
620-400	WF20x eyepieces, paired (will not accept reticle)	124.00
800-400	Replacement bulb, 12v, 10 watt, tubular	12.00
801-100	Replacement fuse for 110v version, 1.0 amp	9.00
940-410	Frosted glass stage plate, 80mm	27.00
941-410	Black/white plastic contrast plate, 80mm	16.00
956	Dustcover, large 16" tall x 14", heavy vinyl with stitched seams	11.00
965-400-10	Eyepiece reticle, 10mm/100 Div., 23mm diameter (for WF10x eyepieces only)	52.00
970-400	Stage clip for stereo microscope, 75mm from post, each	11.00

450 Series



All the quality features and versatility of larger stereo microscopes, in a compact size only 12" tall. Ideal size for elementary and middle school, rugged enough for high school. Upright, unreversed image is designed for three-dimensional objects and dissecting. Choose low magnification for a wide field of view, then high magnification for close-up detail.

MODEL	HEAD	OBJECTIVES	STAND TYPE	ILLUMINATION	ARM	MSRP
452TBL-10-LED	Binocular	1X & 3X (10X & 30X Mag.)	Fixed Arm	Top LED/Bottom LED	Fixed	338.00
453TBL-10-LED	Binocular	2X & 4X (20X & 40X Mag.)	Fixed Arm	Top LED/Bottom LED	Fixed	338.00

450 SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

Single: 21 lbs. / Case of 4: 44 lbs. (Domestic US only)

450 SERIES PARTS & ACCESSORIES

		MSRP
600-400	Eyepiece shields, rubber, pair	13.00
605-400	WF5x eyepieces, paired (will not accept reticle) Note: WF5x E.P. permit only 60mm-84mm I.P.D.	124.00
610-400	WF10x eyepieces, paired (accepts 23mm reticle)	124.00
610-400EA	WF10x eyepiece, each (accepts 23mm reticle)	75.00
610-400R-10	WF10x eyepiece w/reticle, 10mm/100 div., each	125.00
615-400	WF15x eyepieces, paired (will not accept reticle)	124.00
620-400	WF20x eyepieces, paired (will not accept reticle)	124.00
800-400	Replacement bulb, 12v, 10 watt, tubular	12.00
800-452	Replacement top LED bulb assembly (for LED models only)	25.00
800-453	Replacement bottom LED bulb assembly (for LED models only)	14.00
801-100	Replacement fuse for 110v version, 1.0 amp	9.00
802-003	Auto cut-off recharger for rechargeable LED microscopes	41.00
940-410	Frosted glass stage plate, 80mm	27.00
941-460B	Add-on substage LED illuminator for cordless operation	20.00
941-460W	White plastic contrast plate, 80mm (405 Series purchased after 1/1/10)	20.00
956	Dustcover, large 16" tall x 14", heavy vinyl with stitched seams	11.00
965-400-10	Eyepiece reticle, 10mm/100 Div., 23mm diameter (for WF10x eyepieces only)	52.00
970-400	Stage clip for stereo microscope, 75mm from post, each	11.00

DIGITAL MICROSCOPES

DC Series



Go digital with these compound and stereo microscopes that feature built-in digital camera. Every option below includes 5.0MP digital camera coupled with a quality microscope - choose what fits your needs!

Motic Images software included. Use with Windows 7 and above. Mac OSX Compatible.

Pictured: DC4-212

MODEL	DESCRIPTION	HEAD	MSRP
DC-128	Compound microscope, 4x, 10x, 40xR, & 100xR objectives, separate coarse & fine focus, 5.0MP, cordless LED illumination, digital signal only	Monocular	700.00
DC4-211	Compound microscope, 4x, 10x, 40xR objectives, separate coarse & fine focus, 5.0MP, LED illumination, 1.25 N.A. Abbe condenser, digital signal only	Monocular	1068.00
DC4-212	Compound microscope, 4x, 10x, 40xR, 100xR objectives, separate coarse & fine focus, 5.0MP, LED illumination, 1.25 N.A. Abbe condenser, digital signal only	Monocular	1124.00
DC5-169-SP	Compound microscope, Semi-Plan 4x, 10x, 40xR, 100xR objectives, coaxial coarse & fine focus, 5.0 MP, LED illumination, 1.25 N.A. Abbe condenser, digital signal only	Binocular	1968.00
DC5-169-ASC	Compound microscope, Super High Contrast 4x, 10x, 40xR, 100xR objectives, coaxial coarse & fine focus, 5.0 MP, LED illumination, 1.25 N.A. Abbe condenser, digital signal only	Binocular	2065.00
DC5-169-P	Compound microscope, Plan 4x, 10x, 40xR, 100xR objectives, coaxial coarse & fine focus, 5.0 MP, LED illumination, 1.25 N.A. Abbe condenser, digital signal only	Binocular	2249.00
DC4-456H	Stereo microscope, 10x & 30x magnification, 5.0 MP, digital signal only. Top illum. 12v 10 watt halogen, bottom illum. 12v 10 watt tungsten	Binocular	878.00

DC SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

DC-128 - Single: 33 lbs. / Case of 2: 49 lbs. (Domestic US only)

DC4-211/212 - Single: 33 lbs. / Case of 2: 42 lbs. (Domestic US only)

DC5-169 Series - Single: 33 lbs. / Case of 1: 33 lbs. (Domestic US only)

DC4-456H - Single: 21 lbs. / Case of 4: 62 lbs. (Domestic US only)

DC SERIES PARTS & ACCESSORIES

		MSRP
800-001	Replacement LED light for DC-128, DC4-211, DC4-212	16.00
800-400	Replacement bulb, 12v, 10 watt, tubular for DC4-456H (bottom)	12.00
800-423	Replacement bulb, 12v 10 watt halogen bi-pin, front filament for DC4-456H (top)	12.00
800-500	Replacement bulb, 3 watt LED for DC5-169 Series	47.00
802-003	Auto cut-off recharger for rechargeable LED microscopes (DC-128 only)	41.00
D-971-003	Replacement calibration slide, designed for Motic imaging software	67.00
D-905	Power supply, auto-switching (100-240v 47-63 Hz in, 12v out) w/power cord	95.00
All digital microscopes supplied with power pack that automatically switched input of 100-240Vac 50-60Hz to DC voltage output. UL and CE listed (excludes DC4-211 and DC4-212)		

DC20 Series



Superior in design and in performance, the DC20-169 series incorporates a wide range of features designed for university and laboratory use. The DC20-440T-440PLL is a professional-quality stereo microscope for industrial and educational settings. The large zoom ratio of 6:1 and a standard working distance of 110mm provide the flexibility to support a large number of potential applications.

Included Moticam 4000 turns these microscopes into instant multimedia learning platforms.

MODEL	DESCRIPTION	HEAD	MSRP
DC20-169-SP	Trinocular compound microscope w/included Moticam 4000 camera & cables, 4x, 10x, 40xR, 100xR Semi-Plan objectives, coaxial focusing, LED illumination	Trinocular	2331.00
DC20-169-ASC	Trinocular compound microscope w/included Moticam 4000 camera & cables, 4x, 10x, 40xR, 100xR Super High Contrast objectives, coaxial focusing, LED illumination	Trinocular	2391.00
DC20-169-P	Trinocular compound microscope w/included Moticam 4000 camera & cables, 4x, 10x, 40xR, 100xR Plan objectives, coaxial focusing, LED illumination	Trinocular	2536.00
DC20-440T-440PLL	Trinocular stereo zoom microscope w/included Moticam 4000 camera & cables, 7.5x-45x mag., LED (top), LED (bottom) illumination	Trinocular	2469.00

DC20 SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

DC20-169 Series - Single: 33 lbs. / Case of 1: 33 lbs. (Domestic US only)
 DC20-440T-440PLL - Single: 33 lbs. / Case of 1: 33 lbs. (Domestic US only)

DC20 SERIES PARTS & ACCESSORIES

		MSRP
800-500	Replacement bulb, 3 watt LED for DC20-169 Series	47.00
905-440-LED	3W incident LED illumination assembly for DC20-440T-440PLL	71.00
909-440	3W transmitted LED illumination assembly for DC20-440T-440PLL	31.00
D-905	Power supply, auto-switching (100-240v 47-63 Hz in, 12v out) w/power cord	95.00
D-971-003	Replacement calibration slide, designed for Motic imaging software	67.00

DC40 Series



Superior in design and in performance, the DC20-169 series incorporates a wide range of features designed for university and laboratory use.

Included Moticam A5 turns these microscopes into instant digital lab partners with 5.0MP output.

MODEL	DESCRIPTION	HEAD	MSRP
DC40-169-SP	Trinocular compound microscope w/included Moticam A5 camera & cables, 4x, 10x, 40xR, 100xR Semi-Plan objectives, coaxial focusing, LED illumination	Trinocular	1661.00
DC40-169-ASC	Trinocular compound microscope w/included Moticam A5 camera & cables, 4x, 10x, 40xR, 100xR Super High Contrast objectives, coaxial focusing, LED illumination	Trinocular	1721.00
DC40-169-P	Trinocular compound microscope w/included Moticam A5 camera & cables, 4x, 10x, 40xR, 100xR Plan objectives, coaxial focusing, LED illumination	Trinocular	1866.00
DC40-440T-440PLL	Trinocular stereo zoom microscope w/included Moticam A5 camera & cables, 7.5x-45x mag., LED (top), LED (bottom) illumination	Trinocular	1798.00

DC40 SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

DC40-169 Series - Single: 33 lbs. / Case of 1: 33 lbs. (Domestic US only)
 DC40-440T-440PLL - Single: 33 lbs. / Case of 1: 33 lbs. (Domestic US only)

DC40 SERIES PARTS & ACCESSORIES

		MSRP
800-500	Replacement bulb, 3 watt LED for DC20-169 Series	47.00
905-440-LED	3W incident LED illumination assembly for DC20-440T-440PLL	71.00
909-440	3W transmitted LED illumination assembly for DC20-440T-440PLL	31.00
D-905	Power supply, auto-switching (100-240v 47-63 Hz in, 12v out) w/power cord	95.00
D-971-003	Replacement calibration slide, designed for Motic imaging software	67.00

DCX5 Series



The DCX5 Series represents the latest in educational technology. With included Moticam X5, this WiFi digital microscope transmits its live image to iOS and Android devices.

The DCX5 Series features high-speed, full resolution imaging technology built into one of our most popular microscopes. Use it as a conventional microscope or share live images with your class using WiFi tablets or wireless laptops. High-speed, high-resolution to fit any budget.

MODEL	DESCRIPTION	HEAD	MSRP
DCX5-205-LED	Monocular compound microscope w/ included digital Wi-Fi Moticam X5 camera, 4x, 10x, 40xR objectives, 12v LED illumination for microscope only	Monocular	574.00
DCX5-213-LED	Monocular compound microscope w/ included digital Wi-Fi Moticam X5 camera, 4x, 10x, 40xR objectives, coaxial focusing, 12v LED illumination for microscope only	Monocular	918.00
DCX5-214-LED	Monocular compound microscope w/ included digital Wi-Fi Moticam X5 camera, 4x, 10x, 40xR, 100xR objectives, coaxial focusing, 12v LED illumination for microscope only	Monocular	997.00

DCX5 SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

DCX5-205-LED - Single: 11 lbs. / Case of 1: 11 lbs. (Domestic US only)

DCX5-213/214-LED - Single: 28 lbs. / Case of 2: 33 lbs. (Domestic US only)

DCX5 SERIES PARTS & ACCESSORIES

		MSRP
800-001	Replacement LED light	16.00
802-003	Auto cut-off recharger for rechargeable LED microscopes (DC-128 only)	41.00
D-971-003	Replacement calibration slide, designed for Motic imaging software	67.00

BT11 Series



Combining the features of some of National's most popular microscopes with an 8 inch Android based tablet system offers unlimited possibilities.

Like the MotiCam X5, this WiFi digital tablet transmits live images to iOS or Android devices. Use it as a conventional microscope or share live images with colleagues using WiFi tablets, wireless laptops, and wireless devices. Tablet includes preloaded MotiCam apps.

Tablet and camera specs:

- 8" LCD Android tablet with 1280x800 screen resolution
- Connection: Wi-Fi (2.4 & 5 GHz), Ethernet
- WiFi Camera Resolution: 4.0MP captured video resolution
- WiFi: WiFi output (802.11 a/b/g/n/ac supporting both hot-spot mode or using existing WiFi network)
- Preloaded optimized MotiConnect app

MODEL	DESCRIPTION	HEAD	MSRP
BT11-205-LED	Monocular compound microscope w/ included digital package, 4x, 10x, 40xR objectives, 12v LED illumination	Monocular	874.00
BT11-213-LED	Monocular compound microscope w/ included digital package, 4x, 10x, 40xR objectives, coaxial focusing, 12v LED illumination	Monocular	1062.00
BT11-214-LED	Monocular compound microscope w/ included digital package, 4x, 10x, 40xR, 100xR objectives, coaxial focusing, 12v LED illumination	Monocular	1142.00
BT11-169-SP	Trinocular compound microscope w/included digital package, 4x, 10x, 40xR, 100xR Semi-Plan objectives, coaxial focusing, LED illumination	Trinocular	1938.00
BT11-169-ASC	Trinocular compound microscope w/included digital package, 4x, 10x, 40xR, 100xR Super High Contrast objectives, coaxial focusing, LED illumination	Trinocular	1998.00
BT11-169-P	Trinocular compound microscope w/included digital package, 4x, 10x, 40xR, 100xR Plan objectives, coaxial focusing, LED illumination	Trinocular	2143.00
BT11-440T-440PLL	Trinocular stereo zoom microscope w/included digital package, 7.5x-45x mag., LED (top), LED (bottom) illumination	Trinocular	2076.00

BT11 SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

BT11-205-LED - Single: 18 lbs. (Domestic US only)

BT11-213/214-LED - Single: 28 lbs. (Domestic US only)

BT11-169 Series - Single: 54 lbs. (Domestic US only)

BT11-440T-440PLL - Single: 50 lbs. (Domestic US only)

BTI2 Series



Combining the features of some of National's most popular microscopes with an 10 inch Android based tablet system offers unlimited possibilities.

Like the MotiCam X5, this WiFi digital tablet transmits live images to iOS or Android devices. Use it as a conventional microscope or share live images with colleagues using WiFi tablets, wireless laptops, and wireless devices. Tablet includes preloaded MotiCam apps.

Tablet and camera specs:

- 10" LCD Android tablet with 1280x800 screen resolution
- Connection: Wi-Fi (2.4 & 5 GHz), Ethernet
- WiFi Camera Resolution: 4.0MP captured video resolution
- WiFi: WiFi output (802.11 a/b/g/n/ac supporting both hot-spot mode or using existing WiFi network)
- Preloaded optimized MotiConnect app

MODEL	DESCRIPTION	HEAD	MSRP
BTI2-169-SP	Trinocular compound microscope w/included digital package, 4x, 10x, 40xR, 100xR Semi-Plan objectives, coaxial focusing, LED illumination	Trinocular	2241.00
BTI2-169-ASC	Trinocular compound microscope w/included digital package, 4x, 10x, 40xR, 100xR Super High Contrast objectives, coaxial focusing, LED illumination	Trinocular	2301.00
BTI2-169-P	Trinocular compound microscope w/included digital package, 4x, 10x, 40xR, 100xR Plan objectives, coaxial focusing, LED illumination	Trinocular	2445.00
BTI2-440T-440PLL	Trinocular stereo zoom microscope w/included digital package, 7.5x-45x mag., LED (top), LED (bottom) illumination	Trinocular	2379.00

BTI2 SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

BTI2-169 Series - Single: 54 lbs. (Domestic US only)

BTI2-440T-440PLL - Single: 50 lbs. (Domestic US only)

BTI1&2 SERIES PARTS & ACCESSORIES

		MSRP
800-001	Replacement LED light for BTI-205-LED, BTI-213-LED, BTI-214-LED	16.00
800-500	Replacement bulb, 3 watt LED for BTI-169 Series	47.00
905-440-LED	3W incident LED illumination assembly for BTI-440T-440PLL	71.00
909-440	3W transmitted LED illumination assembly for BTI-440T-440PLL	31.00
802-003	Auto cut-off recharger for rechargeable LED microscopes (DC-128 only)	41.00
D-905	Power supply, auto-switching (100-240v 47-63 Hz in, 12v out) w/power cord	95.00
D-971-003	Replacement calibration slide, designed for MotiCam imaging software	67.00

E Series



Superior in design and in performance, the E Series incorporates a wide range of features designed for university and laboratory use. Superb optical clarity and reliable mechanical engineering assure years of top performance.

MODEL	DESCRIPTION	HEAD	MSRP
D-ELM	Monocular compound microscope, 4x, 10x, 40x, 100x obj., corded LED, coaxial, mechanical stage, 1.25 N.A. Abbe condenser	Monocular	463.00
D-ELB	Binocular compound microscope, 4x, 10x, 40x, 100x obj., corded LED, coaxial, mechanical stage, 1.25 N.A. Abbe condenser	Binocular	563.00
D-ELDB	Digital binocular compound microscope, 4x, 10x, 40x, 100x obj., corded LED, coaxial, mechanical stage, 1.25 N.A. Abbe condenser, 5.0MP built-in camera w/software	Binocular	762.00
D-ELS-1	Stereo microscope, Tri-Power 10x, 20x, & 40x mag., fixed arm, cordless rechargeable LED	Binocular	313.00
D-ELS-4	Stereo microscope, Zoom 7x - 45x mag., fixed arm, corded LED	Binocular	560.00

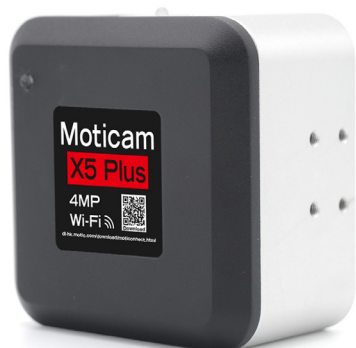
E SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

D-ELSM/B/DB - Single: 18 lbs. (Domestic US only)

D-ELS-1 - Single: 18 lbs. / Case of 2: 29 lbs. (Domestic US only)

D-ELS-4 - Single: 25 lbs. (Domestic US only)

Moticam Series



Transform a compound or stereo microscope into a digital microscope or use independently with included macro tube.

Get the power of the Moticams for less with our newest camera series! What makes this new line of attachable digital microscope cameras the A-Class in Motic's lineup of Moticam? The answer is in the letter. These cameras are affordable, include several accessories & adaptable.

The Moticam 4000 is a camera that was designed for ease of use and the ability to output fast live images at 4K(3840x2160) pixels in full HD while the Moticam 1080X combines HD with WiFi and does not require a computer for use. Simply plug the camera through the HDMI port and display images with the use of the on board software and a USB mouse through an HDMI monitor.

MODEL	DESCRIPTION	MSRP
D-Moticam A1	1.0MP USB 2.0 Digital Camera	236.00
D-Moticam A2	2.0MP USB 2.0 Digital Camera	355.00
D-Moticam A5	5.0MP USB 2.0 Digital Camera	473.00
D-Moticam A8	8.0MP USB 2.0 Digital Camera	508.00
D-Moticam A16	16.0MP USB 2.0 Digital Camera	627.00
D-Moticam 1080X	HDMI multi-functional digital HD Camera	1184.00
D-Moticam 4000	4K multi-port Digital Camera	1143.00
D-Moticam X5	WiFi Digital Camera	422.00
D-Moticam BTX5-8	8 inch. Integrated Tablet	750.00
D-Moticam BTX5-10	10 inch. Integrated Tablet	1053.00

MOTICAM SERIES SHIPPING WEIGHTS (Shipping weights are based on actual or dimensional weight, whichever is greater.)

D-Moticam A Series - Single: 4 lbs. / Case of 10: 50 lbs. (Domestic US only)

D-Moticam 1080X - Single: 4 lbs. / Case of 10: 36 lbs. (Domestic US only)

D-Moticam 4000 - Single: 4 lbs. / Case of 10: 36 lbs. (Domestic US only)

D-Moticam X5 - Single: 4 lbs. / Case of 10: 23 lbs. (Domestic US only)

D-Moticam BTX5-8 - Single: 10 lbs. / Case of 8: 59 lbs. (Domestic US only)

D-Moticam BTX5-10 - Single: 10 lbs. / Case of 8: 60 lbs. (Domestic US only)

MOTICAM SERIES PARTS & ACCESSORIES

		MSRP
D-971-003	Replacement calibration slide, designed for Motic imaging software	67.00
D-971-004	Calibration plastic disc	9.00

DIGITAL CLASSROOM BUNDLES

Digital Classrooms



Say hello to the digital classroom.

Students have always been able to label, measure, and annotate images using our app, MotiConnect, but now we're taking it to the next level. By incorporating QR codes on digital microscopes and linking them together on one network, students can work independently and collaboratively all at the same time. They can share images and discuss them with each other while you monitor everyone's progress in real time.

With a digital classroom, the options are endless. Please contact us about building a configuration that meets your customer's needs.

MODEL	DIGITAL CLASSROOM INCLUDES	MSRP
MN16-132-CLED-X5	(1) 213-RLED instructor microscope, (16) 132-CLED student microscopes, (17) D-Moticam X5 WiFi cameras, MoticNet software with 16 student license, network cable and routers	17504.00

SOFTWARE

Motic networked microscopy solutions
MoticNet connects teacher computers to student computers
WiFi configuration, teacher computer not included

MOTICNET SOFTWARE

Model	MSRP
D-MOTICNET 1:8 - 8 Student License, Includes factory configured router	2140.00
D-MOTICNET 1:16 - 16 Student License, Includes factory configured router	3315.00
D-MOTICNET 1:32 - 32 Student License, Includes 2 factory configured routers and a network switch	7549.00
D-CDMOTICTRACE - CD, Comparison Software - Forensic designed to allow comparison of multiple live images on a single screen.	149.00

Fees, Terms, Policies, and Warranty Information

TO PLACE AN ORDER: By email to orders@nationaloptical.com.

PRICES: Prices are subject to change without notice.

CUSTOM CONFIGURATION ACCESSORY DISCOUNT: When a microscope is ordered with a customized configuration, the accessories used to configure the microscope will be discounted as a part of that microscope.

CHANGES IN DESIGN: National Optical reserves the right to make changes in instrument design in accordance with scientific data without notice or obligation.

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

WARRANTY/REPAIR RETURNS: All product returns must be accompanied by a product return form, which can be downloaded from the National Optical website. A copy of this completed form should be included in the box with each returned item and shipped to the Schertz address below.

National Optical & Scientific Instruments, Inc.
6508 Tri County Pkwy.
Schertz, TX 78154

If you are returning an item for credit, an RMA number is also required before you send it in and needs to be added to this form. To obtain an RMA number please call 877.967.9438.

NATIONAL OPTICAL WARRANTY

WARRANTIES: Motic Swift Line has several warranties depending on the product. See product list below for type of warranty and visit our website, www.swiftoptical.com, for warranty details under individual model number.

90 DAY LIMITED WARRANTY: Parts, accessories, 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, Stellar1 Series, 405 Series, and 450 Series

LIFETIME LIMITED WARRANTY: 120 Series, 130 Series, 167 Series, 210 Series, 420 and 420T Series, 430 Series, 440 and 440T Series, 446 Series, and all digital microscopes (microscope portion only)



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