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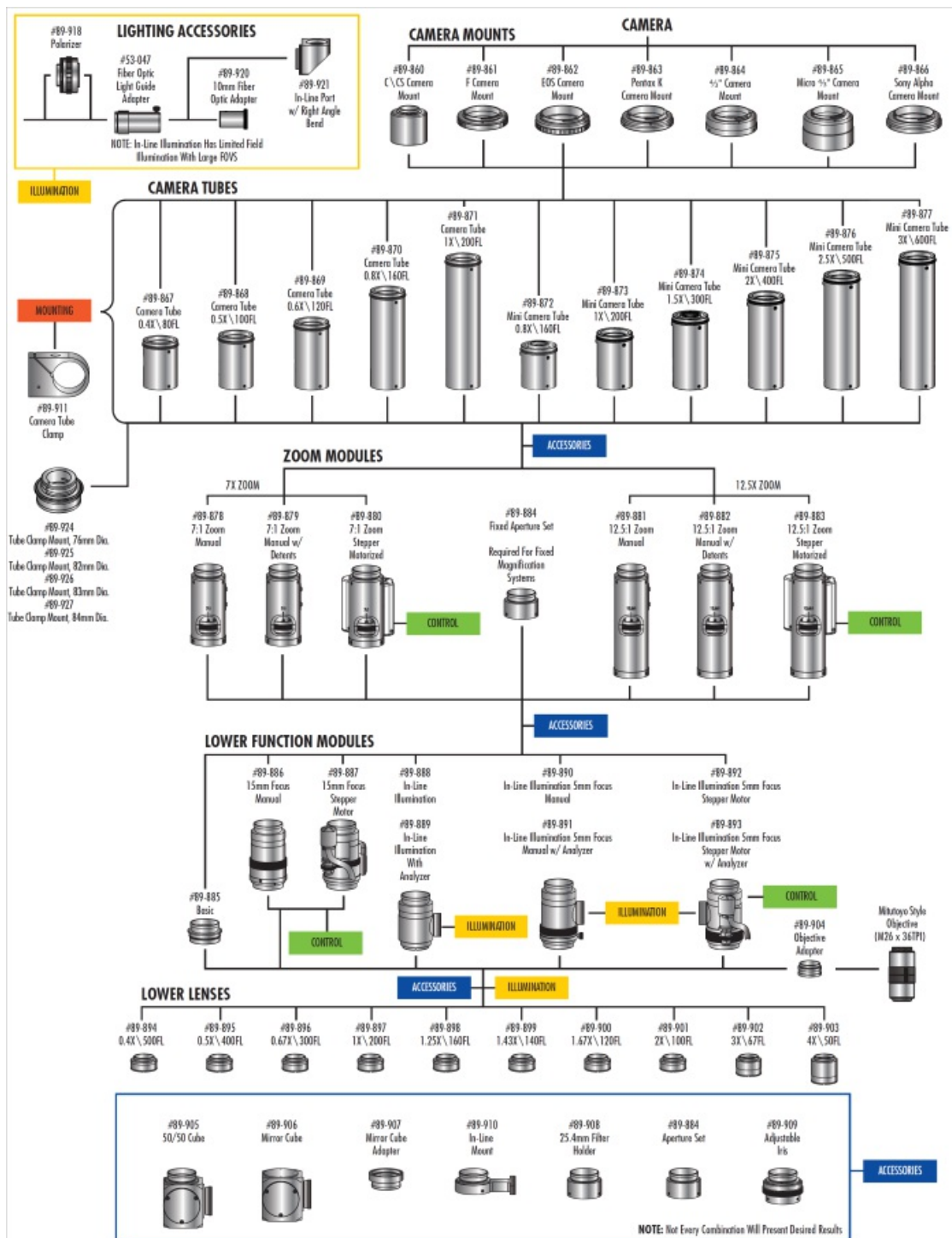
7X and 12.5X High Precision Zoom Lenses

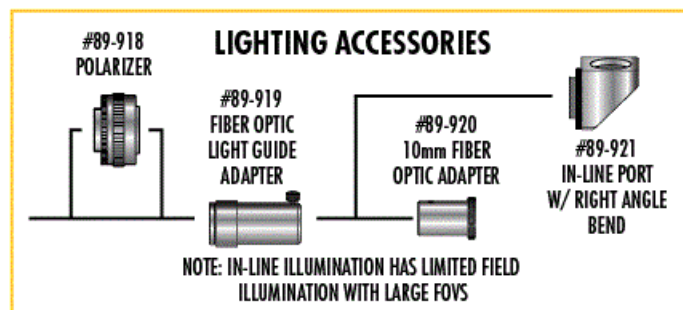


- Wide Range of Magnifications Achievable
- Interchangeable Components Provide Maximum Flexibility
- Motorized and Inline Options Available
- [7X and 12.5X High Precision Zoom Lens Kits](#) Also Available

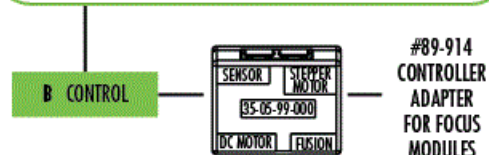
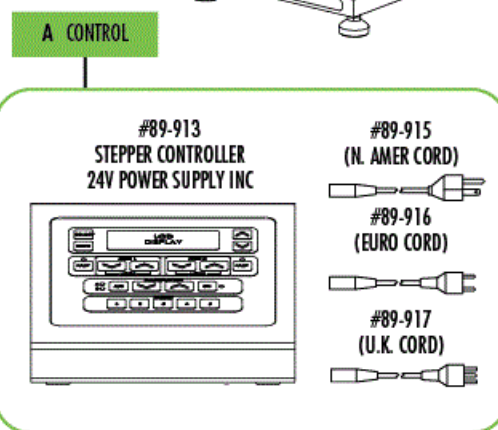
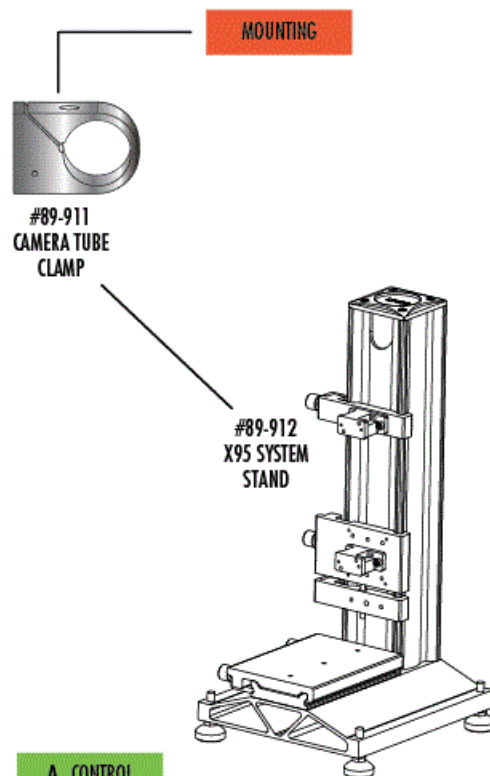
Technical Information

SPECIFICATIONS													
Lower Lens:		0.4X Lower Lens				1.0X Lower Lens				4.0X Lower Lens			
Working Distance:		490mm				190mm				32mm			
Zoom Modules:		7X Zoom		12.5X Zoom		7X Zoom		12.5X Zoom		7X Zoom		12.5X Zoom	
Max Coax. FOV Dia.:		Not Recommended		Not Recommended		Not Recommended		20mm		9.4mm		9.9mm	
Range:		Low Mag	High Mag	Low Mag	High Mag	Low Mag	High Mag	Low Mag	High Mag	Low Mag	High Mag	Low Mag	High Mag
0.4X Camera Tube	NA	0.0047	0.016	0.0036	0.019	0.012	0.039	0.009	0.048	0.047	0.16	0.036	0.19
	Res (lp/mm)	14	47	11	58	35	116	27	144	142	435	108	576
	PMAG	0.067X	0.46X	0.045X	0.55X	0.17X	1.2X	0.11X	1.4X	0.67X	4.6X	0.45X	5.5X
	DOF (mm)	25	2.4	44	1.5	4.1	0.38	7	0.25	0.25	0.024	0.44	0.015
	Hor. FOV 1/8" (mm)	71	10	107	8.7	29	4.1	43	3.5	7.1	1	11	0.87
	Hor. FOV 1/2" (mm)	95	14	143	12	38	5.5	57	4.6	10	1.4	14	1.2
	Hor. FOV 3/8" (mm)	131	19	196	16	52	7.6	79	6.4	13	1.9	20	1.6
1.0X Camera Tube	NA	0.0047	0.016	0.0036	0.019	0.012	0.039	0.009	0.048	0.047	0.16	0.036	0.19
	Res (lp/mm)	14	47	11	58	35	116	27	144	142	465	108	576
	PMAG	0.17X	1.2X	0.11X	1.4X	0.42X	2.9X	0.28X	3.5X	1.7X	12X	1.1X	14X
	DOF (mm)	25	2.4	44	1.5	4.1	0.38	7	0.25	0.25	0.024	0.44	0.015
	Hor. FOV 1/8" (mm)	29	4.1	43	3.5	11	1.7	17	1.4	2.9	0.41	4.3	0.35
	Hor. FOV 1/2" (mm)	38	5.5	57	4.6	15	2.2	23	1.9	3.8	0.55	5.7	0.46
	Hor. FOV 3/8" (mm)	52	7.6	79	6.4	21	3.0	31	2.6	5.2	0.76	7.9	0.64
3.0X Mini Camera Tube	NA	0.0047	0.016	0.0036	0.019	0.012	0.039	0.009	0.048	0.047	0.16	0.036	0.19
	Res (lp/mm)	14	47	11	58	35	116	27	144	142	465	108	576
	PMAG	0.50X	3.5X	0.34X	4.1X	1.3X	8.7X	0.84X	10X	5.0X	35X	3.4X	41X
	DOF (mm)	25	2.4	44	1.5	4.1	0.38	7	0.25	0.25	0.024	0.44	0.015
	Hor. FOV 1" (mm)	25	3.7	38	3.1	10	1.5	15	1.2	2.5	0.37	3.8	0.31
	Hor. FOV 3/8" (mm)	36	5.2	54	4.3	14	2.1	21	1.7	3.6	0.52	5.4	0.43
	Hor. FOV 35mm (mm)	71	10	107	8.7	29	4.1	43	3.5	7.1	1	11	0.87





ILLUMINATION



Products

Title	Stock Number	Price	Buy
C-Mount Light Guide Mounting Adapter	#53-047	€36,50 Qty 5+ €32,50	3-4 days
C-Mount Camera Adapter	#89-860	€66,50	3-4 days
F-Mount Camera Adapter	#89-861	€72,50	3-4 days
EOS Camera Adapter	#89-862	€96,00	Contact Us
K-Mount Camera Adapter	#89-863	€96,00	3-4 days
4/3" Mount Camera Adapter	#89-864	€96,00	3-4 days
Micro 4/3" Mount Camera Adapter	#89-865	€96,00	3-4 days
Sony Alpha Camera Adapter	#89-866	€96,00	3-4 days
0.4X Camera Tube	#89-867	€328,00	Contact Us
0.5X Camera Tube	#89-868	€328,00	3-4 days
0.6X Camera Tube	#89-869	€328,00	3-4 days
0.8X Camera Tube	#89-870	€328,00	3-4 days
1.0X Camera Tube	#89-871	€328,00	3-4 days
0.8X Mini-Camera Tube	#89-872	€835,00	3-4 days
1.0X Mini-Camera Tube	#89-873	€835,00	3-4 days
1.5X Mini-Camera Tube	#89-874	€835,00	Contact Us

2.0X Mini-Camera Tube	#89-875	€835,00	3-4 days
2.5X Mini-Camera Tube	#89-876	€835,00	3-4 days
3.0X Mini-Camera Tube	#89-877	€835,00	3-4 days
7X Zoom Module, Manual	#89-878	€915,00	3-4 days
7X Zoom Module, Manual w/Detents	#89-879	€1.030,00	3-4 days
7X Zoom Module, Stepper Motorized	#89-880	€2.010,00	3-4 days
12.5X Zoom Module, Manual	#89-881	€2.175,00	3-4 days
12.5X Zoom Module, Manual w/Detents	#89-882	€2.290,00	3-4 days
12.5X Zoom Module, Stepper Motorized	#89-883	€3.325,00	3-4 days
Fixed Aperture Set (Required if no Zoom Module)	#89-884	€109,00	3-4 days
Basic Lower Module, No Focus	#89-885	€88,50	Contact Us
Lower Module w/15mm Manual Focus	#89-886	€401,00	3-4 days
Lower Module w/15mm Stepper Motorized Focus	#89-887	€1.490,00	3-4 days
Lower Module w/In-Line Illumination	#89-888	€339,00	3-4 days
Lower Module w/In-Line Illumination & Analyzer	#89-889	€795,00	3-4 days
Lower Module w/In-Line Illumination & 5mm Manual Focus	#89-890	€750,00	3-4 days
Lower Module w/In-Line Illumination, Analyzer & 5mm Manual Focus	#89-891	€1.830,00	Contact Us
Lower Module w/In-Line Illumination & 5mm Stepper Motorized Focus	#89-892	€1.830,00	3-4 days
Lower Module w/In-Line, Analyzer & 5mm Stepper Motorized Focus	#89-893	€2.175,00	3-4 days

0.4X Lower Lens	#89-894	€260,00	Contact Us
0.5X Lower Lens	#89-895	€260,00	3-4 days
0.67X Lower Lens	#89-896	€260,00	3-4 days
1.0X Lower Lens	#89-897	€260,00	In Stock
1.25X Lower Lens	#89-898	€260,00	3-4 days
1.43X Lower Lens	#89-899	€260,00	In Stock
1.67X Lower Lens	#89-900	€260,00	3-4 days
2.0X Lower Lens	#89-901	€260,00	3-4 days
3.0X Lower Lens	#89-902	€339,00	Contact Us
4.0X Lower Lens	#89-903	€339,00	3-4 days
Mitutoyo Objective Adapter (M26 x 36TPI)	#89-904	€109,00	3-4 days
50/50 Beamsplitter Cube	#89-905	€915,00	3-4 days
Mirror Cube for Right Angle Turn	#89-906	€374,00	3-4 days
Mirror Cube Adapter for Use with Lower Lenses	#89-907	€109,00	3-4 days
25.4mm Filter Holder	#89-908	€88,50	3-4 days
Adjustable Iris	#89-909	€339,00	3-4 days
In-Line Mount	#89-910	€109,00	3-4 days
Camera Tube Mounting Clamp	#89-911	€109,00	3-4 days
Adjustable Rail Mounting Stand	#89-912	€2.750,00	3-4 days

Stepper Motor Controller	#89-913	€2.125,00	3-4 days
Controller Adapter for Lower Focus Modules	#89-914	€281,00	3-4 days
Euro Style Cord	#89-916	€57,00	Contact Us
UK Style Cord	#89-917	€57,00	3-4 days
Polarizer Illumination Accessory	#89-918	€453,00	3-4 days
Fiber Optic Light Guide Adapter	#89-919	€146,00	3-4 days
Fiber Optic Light Guide Adapter to 10mm	#89-920	€72,50	Contact Us
In-line Port Right Angle Bend	#89-921	€374,00	3-4 days
Fiber Optic Ringlight Adapter	#89-922	€203,00	3-4 days
LED Ringlight Adapter	#89-923	€99,00	3-4 days
Mounting Clamp 76mm Diameter Microscope Stand	#89-924	€250,00	3-4 days
Mounting Clamp 82mm Diameter Microscope Stand	#89-925	€250,00	3-4 days
Mounting Clamp 83mm Diameter Microscope Stand	#89-926	€250,00	3-4 days
Mounting Clamp 84mm Diameter Microscope Stand	#89-927	€250,00	3-4 days



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