

Microscope Optics Data

		Objective zoom setting 0.7X – 4.5X			
Eyepieces	Objective	1.0X (included)	0.5X	0.7X	2.0X
10X	Total Magnification (Range)	7X - 45X	3.5X - 22.5X	4.9X - 31.5X	14X - 90X
	Field ofView Diameter (mm)	32.8 - 5.1	65.7 - 10.2	46.9 - 7.3	16.4 - 2.6
15X	Total Magnification (Range)	10.5X - 67.5X	5.3X - 33.8X	7.4X - 47.2X	21X - 135X
	Field ofView Diameter (mm)	24.3 - 3.8	48.6 - 7.6	34.7 - 5.4	12.1 - 1.9
20X	Total Magnification (Range)	14X - 90X	7X - 45X	9.8X - 63X	28X - 180X
	Field ofView Diameter (mm)	20 - 3.1	40 - 6.2	28.6 - 4.4	10 - 1.6
30X	Total Magnification (Range)	21X - 135X	10.5X - 67.5X	14.7X - 94.5X	42X - 270X
	Field ofView Diameter (mm)	12.9 - 2	25.7 - 4	18.4 - 2.9	6.4 - 1
	Working Distance (mm)	118	195	145	35

Trinocular Microscope Optics Data

1/2" CCD Camera, 15" LCD Monitor

	Accessory Lens	Magnification with zoom setting @ 0.7 (mm)	FOV with zoom @ 0.7 (mm)	Magnification with zoom setting @ 4.5 (mm)	FOV with zoom @ 4.5 (mm)	Focal Length (mm)
0.3X Video Adapter	None	10X	38.1	64.3X	5.9	118
	0.5	5X	76.2	32.1X	11.9	195
	0.7	7X	54.4	45X	8.5	145
	2.0	20X	19.0	128.6X	3.0	35
0.5X Video Adapter	None	16.7X	22.9	107.2X	3.6	118
	0.5	8.3X	45.7	53.6X	7.1	195
	0.7	11.7X	32.7	75X	5.1	145
	2.0	33.3X	11.4	214.3X	1.8	35
1.0X Video Adapter	None	33.3X	11.4	214.3X	1.8	118
	0.5	16.7X	22.9	107.2X	3.6	195
	0.7	23.3X	16.3	150X	2.5	145
	2.0	66.7X	5.7	428.6X	0.9	35

