

7:1 Modular C-Mount Zoom

Our exceptionally reliable zoom guarantees a solution for most imaging applications where flexible magnification is needed. Configuration is simple: Choose your tube / objective combination (For best performance, try to use a higher magnification objective rather than a higher tube magnification). Then simply add any number of the additional features, ranging from click stops (for repeatable zoom positions) all the way to optional coaxial illumination or any one of our high power objective lenses. Check our website for full configuration chart and magnification table.

Benefits

- Modular configuration of working distance, magnification and illumination
- Compact and reliable zoom that stays in focus throughout the zoom range
- Unique metallurgical zoom configurable using coaxial illumination

Applications & Markets

- Post bond inspection of assembled semiconductors
- Automatic analysis of metallurgical surface defects
- Optical system inside universal measurements machines



Köhler Illumination is recommended for objectives with magnifications higher than 20x

	Minimum Config.		Maximum Config.	
Combination:	Tube 0.5x Objective 0.62x		Tube 1.5x Objective 50x	
	Low Zoom	High Zoom	Low Zoom	High Zoom
Magnification:	0.09x	0.68x	31.3x	229.4x
Working Distance:	390 mm		0.51 mm	
Field of View 1/3":	51.6 x 38.7 mm	7.0 x 5.3 mm	0.15 x 0.11 mm	0.02 x 0.01 mm
Field of View 1/2":	68.8 x 51.6 mm	9.4 x 7.0 mm	0.21 x 0.15 mm	0.03 x 0.02 mm
Field of View 1/1.8":	77.4 x 57.0 mm	10.6 x 7.8 mm	0.23 x 0.17 mm	0.03 x 0.02 mm
Field of View 2/3":	94.6 x 71.0 mm	12.9 x 9.7 mm	0.28 x 0.21 mm	0.04 x 0.03 mm

