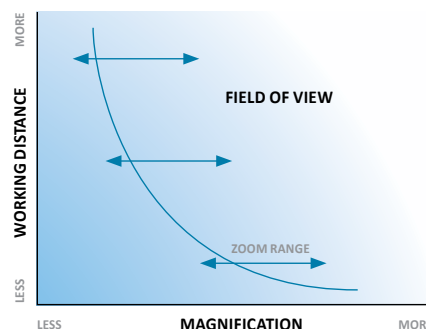


TECHNICAL INFORMATION

There are several factors that are inseparable when selecting working magnification. As magnification increases, field of view and working distance decrease.



A range of objective lens options ensure optimum results for any application, whether for high magnification, high precision detailed inspections, or for manipulation, re-work and assembly tasks requiring an extra long working distance.



Precision objective lenses

Ultra-high resolution and contrast, optimised for precision magnification work with definition excellence.

Wide-field objective lenses

Wide field of view, provides maximum flexibility and large zoom range. Suitable for large area subjects.

Micro objective lenses

High optical magnification of very small subject areas and details.

Objective lens	Magnification zoom range*	Working distance	Field of view at min.zoom	Field of view at max.zoom
Precision objective lenses				
0.45x	2.3x - 68x	160 mm	241 mm x 134 mm	7.8 mm x 4.2 mm
0.62x	3.1x - 93.7x	106 mm	173 mm x 96 mm	5.5 mm x 3.1 mm
1.0x	5x - 151.2x	85 mm	88 mm x 57 mm	3.5 mm x 2 mm
1.5x	7.6x - 226.8x	43 mm	45 mm x 36 mm	2.3 mm x 1.2 mm
2.0x	10x - 302.4x	29 mm	37 mm x 27 mm	1.5 mm x 1.0 mm
Wide-field objective lenses				
2 dioptre	0.8x - 24x	440 mm	660 mm x 370 mm	21.5 mm x 12.0 mm
3 dioptre	1.15x - 32.6x	300 mm	370 mm x 210 mm	14.7 mm x 8.4 mm
4 dioptre	1.71x - 51.41x	245 mm	293 mm x 171 mm	10 mm x 5.5 mm
5 dioptre	2.12x - 65.5x	197 mm	232 mm x 135 mm	8 mm x 4.5 mm
Micro objective lenses				
5x	250x - 362x	2.0 mm	2.2 mm x 1.2 mm	1.4 mm x 0.8 mm
10x	500x - 725x	2.1 mm	1.1 mm x 0.6 mm	0.7 mm x 0.4 mm
*Using a 24 inch screen				

360° Rotating viewer

Adding an extra dimension to standard 2D imaging, the 360° rotating viewer provides both direct and rotating oblique views of the subject and utilises the power of motion to enhance a users three dimensional understanding of the subject. Rotating around the centre of the image, the 34° degree oblique view allows views around the inside of holes or around the sides of raised components and solder joints.

