

Key:	best	good	can be used	not capable
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		Leica SP8 upright	Keyence VHX-7000	Leica MZ 10F epifluorescent stereo-	Zeiss Stemi SV11	Zeiss Stemi 2000-CS stereomicroscope
reflected white light	low- to moderate resolution color digital imaging		best	good	can be used	best
	low- to moderate resolution monochromatic imaging			good		
	high resolution color imaging		best			
	3D surface profiling		best			
epifluorescence	low- to moderate resolution monochromatic fluorescence			good		
confocal laser scanning	slide mounts	best				
	organoids/small animal imaging	best				
	fluorescence resonance energy transfer (FRET)	best				
	fluorescence lifetime imaging (FLIM)	best				
	fluorescence recovering after photobleaching (FRAP)	best				
	Reflected light imaging	best				
	multiphoton imaging	best				
	Secondary Harmonic generation	best				
transmitted white light	Transmitted light imaging	best		can be used		
	Differential interference contrast (DIC)	best				