

Key:	best	good	can be used	not capable
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		JEOL 2010F	JEOL 2000FX	Zeiss 10A
imaging	low-resolution imaging of biological / low atomic-# samples	can be used	can be used	can be used
	rapid screening of grids at low to mid resolution (up to ~200,000X)	good	best	
	high resolution / lattice fringe imaging (HRTEM)	best	can be used	
	scanning transmission electron microscopy (STEM) imaging	best		
X-ray analysis	elemental analysis with EDXA	best	can be used	
	nanoscale elemental mapping (STEM-EDXA)	best		
diffraction methods	electron diffraction (selected area electron diffraction, SAED)		best	
	convergent beam electron diffraction (CBED)		can be used	
	dark field imaging	best	best	
		best	best	
cryo-TEM	plunge-freezing and cryotransfer	best		
	direct electron detection camera	best		
holders	single tilt	best	best	
	double-tilt	best		
	cryo-holder	best		