

Key:	best	good	can be used	not capable
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		JEOL 2010F	JEOL 2000FX	Thermofisher FEI Tundra	JEOL NEOARM (To Be Delivered)
Imaging	Sample Screening of Biological samples / Low-resolution soft mater imaging	can be used	good	best	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	good
	Scanning Transmission Electron Microscopy (STEM) Imaging	best			best
Analytical Methods	elemental analysis with EDXA	good	can be used		best
	nanoscale elemental mapping (STEM-EDXA)	can be used			best
	Electron Energy Loss Spectroscopy (EELS)				best
Diffraction Methods	electron diffraction (selected area electron diffraction, SAED)	good	good		best
	convergent beam electron diffraction (CBED)	best	can be used		best
	dark field imaging	best	can be used		best
	4D-STEM	can be used			best
Cryo-TEM	plunge-freezing and cryotransfer	can be used	can be used	best	can be used
	direct electron detection camera			best	best
Holders	single tilt	good	good	N/A	best
	double-tilt	good	good		best
	cryo-holder	can be used	can be used		good