



MODEL 2045

Motorized Dual-Axis Tomography Holder

A holder that features an optimal tilt angle range in narrow gap (~ 5 mm) pole-piece geometries, while maintaining microscope resolution.

Model 2045 Motorized Dual-Axis Tomography Holder Specifications

Holder type	Room-temperature, single tilt, in-plane rotation For FEI transmission electron microscopes (TEMs)
Specimen size	3 mm diameter Wide range of thicknesses up to 100 μm
Resolution	0.34 nm (in all directions)
Drift	< 1.5 nm/min
Maximum tilt range	Up to $\pm 70^\circ$
Field of view	Up to 950 μm at 70°
Warranty	One year

All specifications depend on the microscope model, pole-piece type, and aperture position.
For ultimate resolution and drift performance, the TEM must meet the manufacturer's specifications.



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