



# 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

<b>Holder type</b>	Room-temperature, single tilt, in-plane rotation For Thermo Fisher Scientific transmission electron microscopes (TEMs)
<b>Specimen size</b>	3 mm diameter Wide range of thicknesses up to 100 $\mu\text{m}$
<b>Resolution</b>	0.34 nm (in all directions)
<b>Drift</b>	< 1.5 nm/min
<b>Maximum tilt range</b>	Up to $\pm 70^\circ$
<b>Field of view</b>	Up to 840 $\mu\text{m}$ at $70^\circ$
<b>Warranty</b>	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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