



# MODEL 2022

## Compact Advanced Tomography Holder

For use with Thermo Fisher Scientific microscopes.

A revolutionary holder that allows room temperature data collection over wide tilt and translation ranges, even in restrictive pole-piece-gap geometries. The compact design minimizes holder volume and provides optimal tilt and field of view.

### Model 2022 Compact Advanced Tomography Holder specifications

<b>Holder type</b>	Room temperature, single tilt For most transmission electron microscopes (TEMs)
<b>Specimen size</b>	3 mm diameter Wide range of thicknesses up to 250 $\mu\text{m}$
<b>Resolution</b>	0.34 nm [3.4 $\text{\AA}$ ] in all directions
<b>Drift</b>	< 1.5 nm/minute
<b>Maximum tilt range</b>	Up to $\pm 65^\circ$
<b>Field of view</b>	Up to 1.4 mm at $65^\circ$
<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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The Model 2022 Compact Advanced Tomography Holder is the subject of United States patent number 7,219,565; Japan patent number 4,542,786; and European patent number 1,497,635.

Document Number SP2022 Revision 00 08/2021