



# MODEL 2021

## Analytical Tomography Holder

Optimizes the acquisition of elemental composition and structural information in three dimensions. Developed for energy dispersive X-ray spectrometry; the beryllium holder tip and clamps reduce the addition of spurious or system radiation. Ideal for any application that requires high specimen tilt angles.

### Model 2021 Analytical Tomography Holder specifications

<b>Holder type</b>	Room-temperature, single tilt For most transmission electron microscopes (TEMs) with pole-piece gaps of approximately 5 mm or greater
<b>Holder tip and clamp material</b>	Beryllium
<b>Specimen size</b>	3 mm diameter Wide range of thicknesses up to 250 $\mu\text{m}$
<b>Resolution</b>	0.34 nm (in all directions)
<b>Drift</b>	< 1.5 nm/minute
<b>Maximum tilt range</b>	Up to $\pm 80^\circ$
<b>Field of view</b>	Up to 1.6 mm 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.

See the product's instruction manual for safety information regarding working with and disposing of instruments with beryllium components.

Distribution in the UK & Ireland



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United States patent number 7,219,565.

Document Number SP2021 Revision 02 08/2018