



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

Holder type	Room temperature, single tilt For most transmission electron microscopes (TEMs)
Specimen size	3 mm diameter Wide range of thicknesses up to 250 μm
Resolution	0.34 nm [3.4 \AA] in all directions
Drift	< 1.5 nm/minute
Maximum tilt range	Up to $\pm 65^\circ$
Field of view	Up to 1.4 mm at 65°
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.



E.A. Fischione Instruments, Inc.

9003 Corporate Circle

Export, PA 15632 USA

Tel: +1 724.325.5444

Fax: +1 724.325.5443

info@fischione.com

www.fischione.com

©2021 E.A. Fischione Instruments, Inc. All rights reserved.

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