



MODEL 2023

Compact Analytical Tomography Holder

For use with Thermo Fisher Scientific microscopes.

Optimizes the acquisition of elemental composition and structural information in three dimensions; allows extremely high tilt angles with large fields of view in restricted pole piece gaps. Minimal holder volume and materials selection for enhanced X-ray performance.

Model 2023 Compact Analytical Tomography Holder specifications

Holder type	Room-temperature, single tilt For most transmission electron microscopes (TEMs) with pole-piece gaps of approximately 5 mm or greater
Holder tip and clamp material	Beryllium*
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

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

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.
Model 2023 Compact Analytical Tomography Holder is subject to United States patent number 7,219,565; Japan patent number 4,542,786; and European patent number 1,497,635.
Document Number SP2023 Revision 03 08/2021