



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

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 μ m
Resolution	0.34 nm (in all directions)
Drift	< 1.5 nm/minute
Maximum tilt range	Up to $\pm 80^\circ$
Field of view	Up to 1.6 mm at 70°
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.

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



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

©2015 E.A. Fischione Instruments, Inc. All rights reserved.
United States patent number 7,219,565.
Document Number SP2021 Revision 01 07/2015