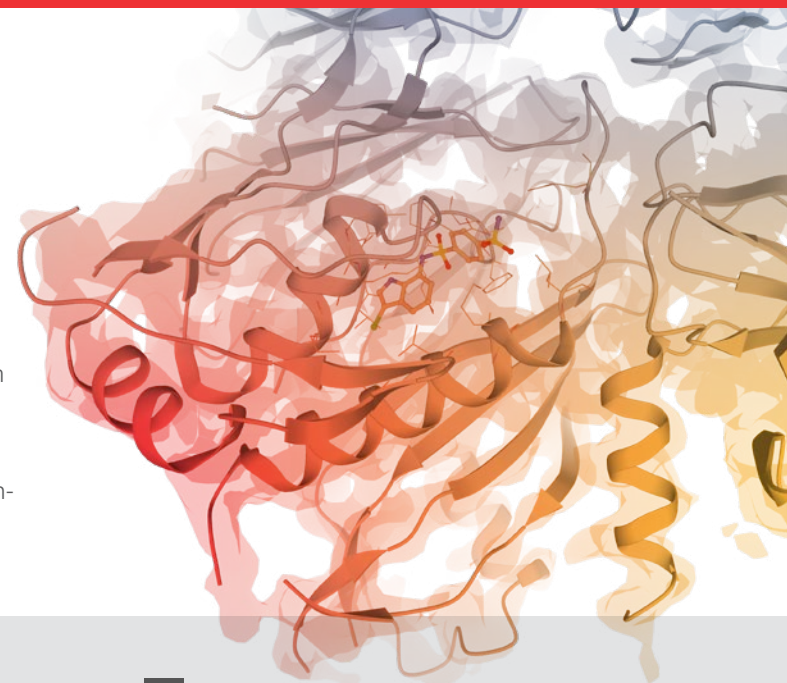


Getting Started in Cryo-EM

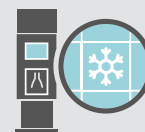
Revolutionize your research

Cryo-electron microscopy (cryo-EM) techniques, such as single-particle analysis, can help you discover how proteins function – critical information for the development of cutting-edge infectious-disease treatments.

Adopt cryo-EM quickly and seamlessly. As the market leader in cryo-EM, we can help you and your team be successful at every stage of the adoption process, from financing to guidance on facility and data-processing requirements. Find out how the Thermo Scientific™ Tundra™ Cryo-Transmission Electron Microscope (Cryo-TEM) and Glacios™ Cryo-TEM offer cryo-electron-microscopy solutions that fit your needs.



Products and support along every step of the cryo-EM workflow



Financing options

Competitive and flexible financing, leasing, lease-to-own options and more.

Site preparation services

Environmental engineering experts provide analysis and recommendations, minimizing environmental interference while maximizing system performance.

Delivery and installation

Following installation, our technicians train you to prepare samples and to gather data confidently and safely. Each workflow step is validated to ensure it is optimally tuned for high-quality data collection.

Sample preparation for vitrification

Maximize sample quality with a range of products – from protein expression to purification and clean up.

Sample vitrification

Preserve biological integrity and quickly produce high-quality samples with the Thermo Scientific Vitrobot™ Mark IV System.

Data collection

The Tundra Cryo-TEM is designed to bring single particle analysis to new users. The Glacios Cryo-TEM offers enhanced ease-of-use through automation, resulting in a more versatile microscope for higher-resolution data collection or for use in a shared facility.

Find out more at thermofisher.com/CryoEMStartsHere

Helping you succeed with cryo-EM

Installing a cryo-EM in your lab is just the start. We offer numerous post-installation services to ensure you get the most from your new microscope. From our dedicated customer success manager to onsite and remote applications support, we work hard to give you and your lab the training, resources, and performance needed to accelerate your research.

Key features:



Workflow validation

Ensures that your sample achieves a 3.5 Å resolution on a relevant biological system.



System remote monitoring

Technical experts will monitor key system parameters and will proactively notify your Field Service Engineer if support is needed.



Scientific workflows application

Offers a step-by-step guide through the Cryo-EM single particle analysis (SPA) workflow, enabling users of all experience levels to optimize their results.



Connected care portal

Secure, cloud-based portal delivers insights into system health and performance. Track uptime and utilization, view system health by module, and conveniently access system reports.



Customer success manager

A dedicated technical expert will support you during installation, connect you with support and resources, and regularly meet with you to discuss system performance and productivity.



On-site and remote applications support

Provides training and support on all aspects of your sample and workflow, including sample loading, microscope and camera operation, microscope optimization, and more.

Find out more at thermofisher.com/CryoEMStartsHere