

Grid Box & Accessories

Nanosoft Bulk Storage Grid Box

- features a pocket with 12 slots that are optimal
- An entire cassette of autogrids in one grid box

The Bulk Storage Grid Box is designed to eradicate the long felt drawbacks of conventional grid boxes that hold either 4 unclipped grids or 4 autogrids.

Nanosoft Hybrid Cryo-EM Grid Boxes

- Hybrid Cryo-EM sample storage grid box with dedicated pockets for both unclipped grids and autogrids

Available in six different colors and randomized serial numbers (these numbers are not customizable) on the side of the grid box for easier organization, traceability and sample tracking.

Nanosoft Quick Lid Grid Box Lid

- Simple way to protect already vitrified samples

NanoSoft's Quick Lid is a simple way to protect already vitrified samples, that are sitting in a grid box waiting for a sample vitrification session to be completed, from ice particulate and other contamination that builds up in the Vitrobot dewar during sample preparation.

NanoSoft Tweezers

NanoSoft Cryo Tweezers

Cryo-Tweezers work with all generations of the FEI Vitrobot and offer multiple features that make the sample preparation process more dependable and effortless for the user.

Nanosoft Autogrid Tweezers

NanoSoft offers the Autogrid Tweezers that accompany the autogrid assembly and cassette loading station from Thermo Fisher for their autoloader-based cryo-EM workflow. The Autogrid Tweezers are designed to have the same geometry as the version from Thermo Fisher, such that cartridges/autogrids are handled and loaded into the cassette in the same way.



Nanosoft Autogrid Tweezers



Nanosoft Reverse Action Autogrid Tweezers



Nanosoft Dewar & Accessories

-Nanosoft Vitrification Dewar

-Nanosoft Spider For Vitrobot Dewar

-Nanosoft Ethane Cup For Vitrobot Dewar

-Nanosoft Grid Box Ring For Vitrobot Dewar



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NanoSoft's foam Vitrification Dewar is compatible with the Vitrobot, and can also provide a robust and easy option for custom, home-made Cryo EM sample preparation systems.

Foam dewar and foam ring are compatible with the Vitrobot, and also great for custom sample preparation platforms. Works with both NanoSoft and TFS metal parts (ethane cup, grid box ring, spider).

NanoSoft Igloo

Igloo for the Thermo Fisher Vitrobot – provides features for improved environmental control and ease of use, with the aim of improving sample repeatability.

Igloo aims to better control the manual transfer when preparing samples with the Thermo Fisher Vitrobot.



NanoSoft Ethane Condenser

The plastic ethane condenser interfaces with the FEI Vitrobot spider to enable one-handed ethane condensing, where the user can focus on liquid ethane level and handling the ethane flow rate valve.



NanoSoft Autogrid Inspection Tool

The autogrid inspection tool is a low-cost way of performing a last autogrid inspection step prior to loading them into the cassette.



Grid Clipping Tools



Clipping Tool

Nanosoft Grid Clipping Tools is loaded with c-clips and clips grids the same way as the Thermo Fisher version, and is compatible with the Thermo Fisher clipping station. The difference is that with the Nanosoft version, instead of ejecting the C-clip by pressing a long plastic handle like with the Thermo version, you press on the Nanosoft tool with a pair of tweezers.



C-clip Bottoming Tool

The Nanosoft C-clip Bottoming Tool provides an easier and more efficient way to "bottom" the C-clip at the tip of the barrel of a clipping tool prior to clipping. After pressing the c-clip into the barrel of the tool, instead of pressing the tip of the barrel against the tabletop or a pair of tweezers to push the c-clip to the tip of the barrel (by pressing the plunger), you place the barrel into the Bottoming Tool and press the plunger of the tool to bottom the c-clip.



Clipping Tool Rack

Tool rack for holding the grid clipping tool.



Clipping Tool Set

Nanosoft Grid Clipping Tool Set. The tool set includes:

- Four grid clipping tools
- One C-clip bottoming tool
- One clipping tool rack

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