Simple Origin
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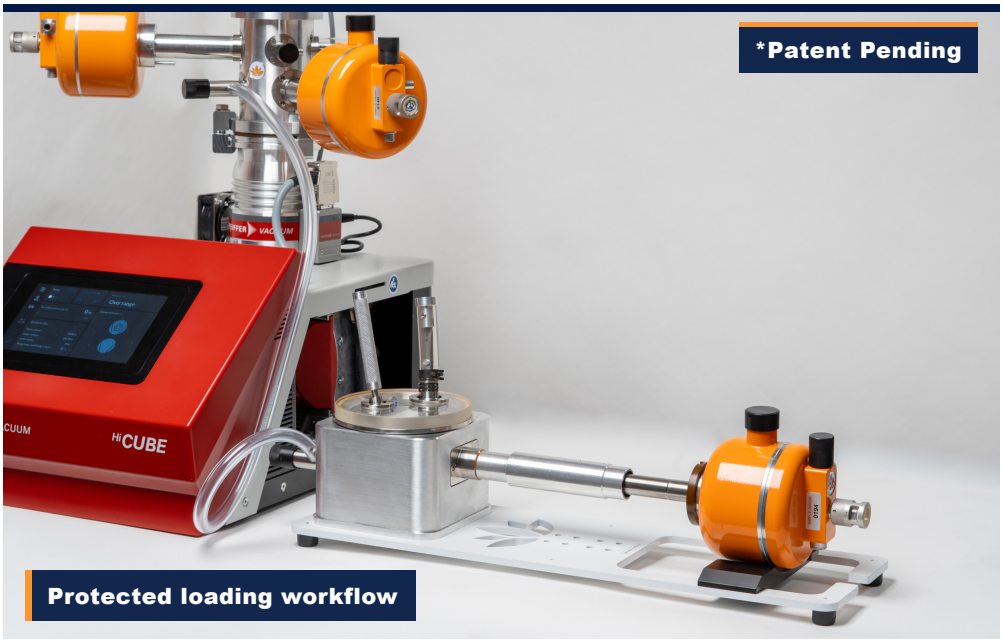
Inert Gas/Vacuum Workstation*



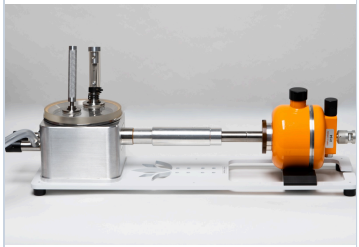
Inert Gas or High Vacuum
Maintains a controlled environment for sensitive specimen handling.

Hermetically Sealed
Protects grid storage and transfer from ambient exposure.

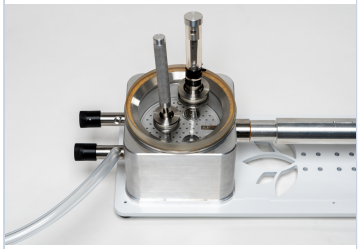
Multi-Axis Control
Provides precise manipulator motion during sample loading.

Controlled loading for air-sensitive samples

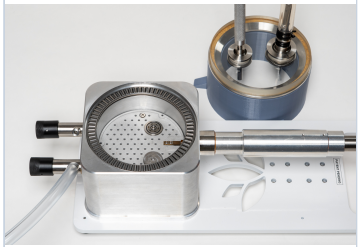
The Simple Origin Inert Gas/Vacuum Workstation is designed to load air-sensitive samples onto a cryogenic inert gas/vacuum transfer holder in a controlled environment. An inert-gas or high-vacuum environment helps preserve sample integrity before imaging and analysis.



Complete Workstation
Integrated chamber and transfer-holder interface.



Protected Loading Chamber
Clear access for precise grid handling.



Controlled Transfer Area
Supports transfer without ambient exposure.

Sealed Grid Box
Open view for protected storage of multiple TEM grids.

Key features

- **Hermetically sealed chamber** supports protected transfer of delicate samples under inert gas or high vacuum.
- **Hermetically sealed grid boxes** store and transport multiple TEM grids while maintaining the required inert-gas or vacuum environment.
- **Multi-axis manipulators** provide the freedom of motion needed for accurate, repeatable sample loading.
- **Ambient-free transfer** moves samples directly from sealed grid box to the Simple Origin cryogenic TEM holder.
- **Streamlined EM workflow** delivers glovebox-level protection in a compact, accessible, user-focused design.