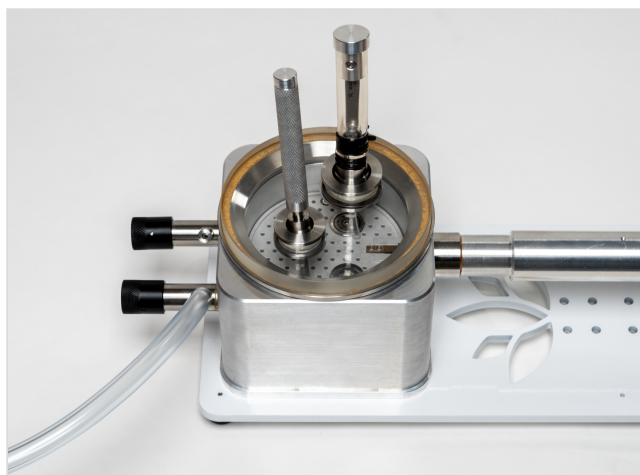
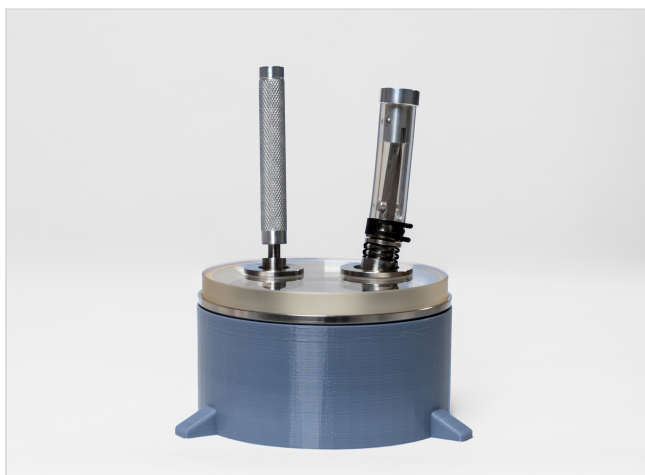




## Inert Gas/Vacuum Workstation

The Simple Origin Inert Gas/Vacuum Workstation\* (Model 5xx) is designed to load air-sensitive samples onto the cryogenic inert gas/vacuum transfer holder in a controlled environment. The controlled inert gas or high-vacuum environment helps preserve the sample integrity prior to imaging and analysis.

The workstation ensures a seamless transfer of air-sensitive samples directly from hermetically sealed grid boxes to the Simple Origin Inert Gas/Vacuum transfer holders without exposure to ambient conditions. This controlled workflow minimizes risk, improves repeatability, and supports high-confidence EM analysis.



### Features

- **Hermetically sealed grid boxes** that allow multiple TEM grids to be stored and transported while maintaining their required inert or vacuum environment.
- **Hermetically sealed chamber** operating under inert gas or high vacuum conditions for the transfer of delicate samples from the sealed grid boxes to the Inert Gas/Vacuum transfer TEM holder.
- **Multi-axis manipulators** with freedom of motion provide the necessary tools to ensure precise sample loading.
- **Controlled workflow** minimizes risk, improves repeatability, and supports high-confidence EM analysis.

\*Patent pending

