



CRYOGEN AUTO-REFILLING SYSTEM*

Cryogen auto-refilling system is a **safe and cost-effective** solution that periodically refills the cryo specimen holder dewar and the anti-contamination device (ACD) dewar and helps **extend the automatic data acquisition time** of your transmission electron microscope.

SYSTEM

- Compatible with various FEI and JEOL TEM's and cryo holders
- Operation integrated with TEM/camera computer for single particle and tomography data acquisition
- User input for "Number of refills" & "Time between refills"

TEMPERATURE MONITORING

- Sensor assembly provides continuous temperature feedback from the dewar and prevents cryogen overflow during refilling

CRYOGENIC VALVES

- Mechanically spring loaded in a normally closed position
- Close automatically under all adverse conditions including
 - Power failure
 - Pneumatic failure/ Gas supply loss
 - Electronics failure
- Vacuum sealed to avoid condensation and ice formation



*Patent Pending

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