Sample Environments

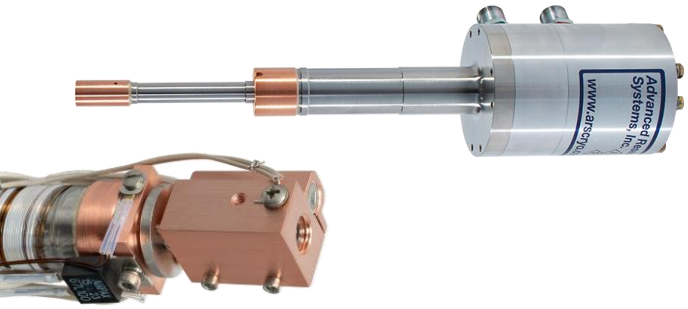
SANS

Sample Positioning

- manual height adjustable table
- Huber goniometer (Rz)

Quantum Northwest NeutroniQ 3x3

- 3 sample by 3 Peltier-controlled temperature zone automated changer on linear rail.
- Accepts 1 mm or 2 mm path-length quartz banjo cells.
- T = -15 – 150 ºC ± 0.3 ºC
- *Funded by D. Marquardt (UWindsor)*



Advanced Research Systems DE-202 Cryocooler with 800 K interface

- Stabile in temperature range of 7 K – 700 K.

Humidity Chamber with Vacuum Shroud

for substrate-supported thin films

- Humidity controlled by binary saturated salt solutions
- Temperature controlled by Cole Parmer Polystat 10124 refrigerated circulating water bath (4 ºC – 80 ºC)
- Chamber temperature readback by Type K thermocouple
- Maximum substrate size (WxHxT): 30 mm x 65 mm x 1 mm

Instrument Contacts

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Sample Environments

SANS

5- Position Demountable Cell Changer

- 5 sample circulating temperature controlled automated changer on linear rail.
- Accepts 1 mm demountable aluminum cells with quartz windows.
- T = 4 – 80 ºC using circulating water bath.
- *Funded of B. Frisken (SFU)*

Instrument Contacts

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