

## Crystallography Sample Supports will be a next-generation crystal mounting system that changes how crystals can be prepared for X-ray diffraction data collection

### This new system allows users to:

- Mount single crystals or thousands for micro-crystals
- Optimized for serial crystallography or single crystal XRD
- Cryogenic or Room Temperature diffraction

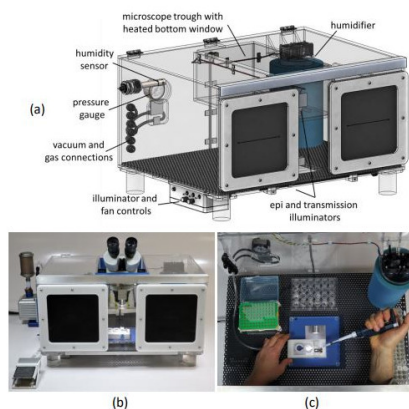
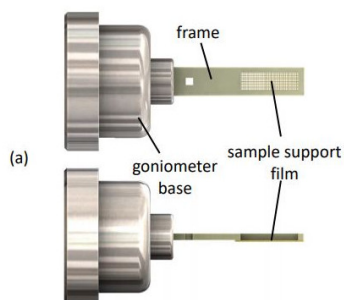


Figure 4

### How it works:

- Crystals are mounted onto these supports utilizing a humidified sample loading box
- The high-humidity box allows samples to be prepared without unintentional dehydration to the drops or crystals
- The supports can then be plunge cooled (for cryo) or sealed (for room temperature work)



### The system has multiple applications:

- Conventional Crystallography
- Serial Crystallography
- In Situ Crystallography
- Room Temperature Crystallography
- And more

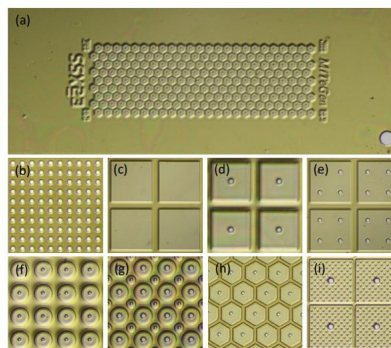


Figure 2

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