

Crystallography Sample Support System

A Next Generation Crystal Mounting System That Changes How Crystals Are Prepared For X-ray Diffraction Data Collection

The System Allows Users To:

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

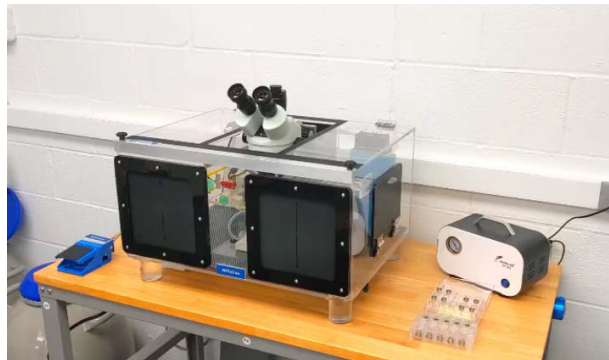
How It Works

- Crystals are mounted onto 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)

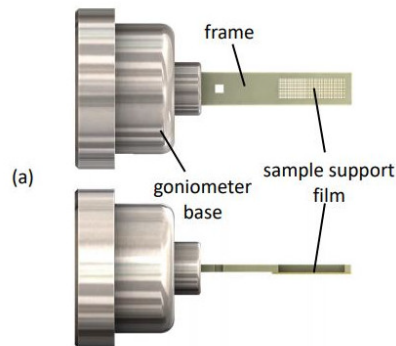
The System Has Multiple Uses

- Conventional Crystallography
- In Situ Crystallography
- Room Temperature Crystallography
- And More

MiTeGen SLEEC



See-through Low Evaporation Environmental Chamber



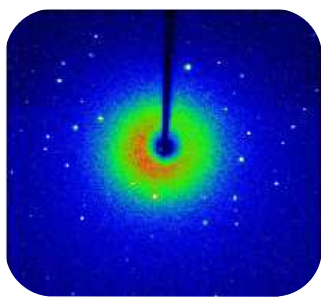
Learn More



SCAN ME

Or Go To mitegen.com/sss

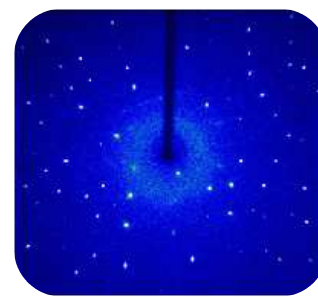
Diffraction quality starts with your choice of crystal mount.



(BEFORE)

Not Using MicroMounts

- Decrease background scatter
- Mount quickly and easily

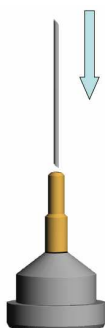


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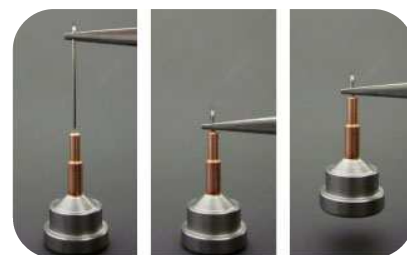
Using MicroMounts

MiTeGen MicroMounts™

Switching to the right mount for your crystal is fast.



- Change mounts in <10 seconds
- No glue required
- Reuse again and again



MiTeGen Reusable Bases

Get started with MiTeGen's Small Molecule Starter Kit.



Catalog #: SMSK-1

Kit Includes:

- | | |
|-------------------------|--------------------------|
| (20) MicroMounts | (1) pair of tweezers |
| (10) Reusable bases | (1) Apiezon N cryogrease |
| (10) magnetic cryovials | (1) Baseholder and case |

MiTeGen Small Molecule

www.mitegen.com