

YOUR SOURCE FOR INNOVATION

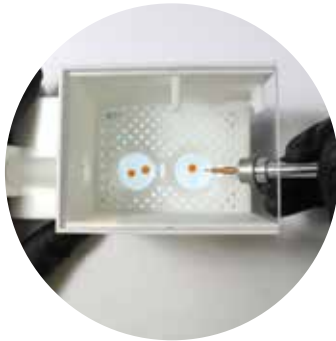
MiTeGen
Crystallography



Plates and Screens

Improve your crystallization and screening

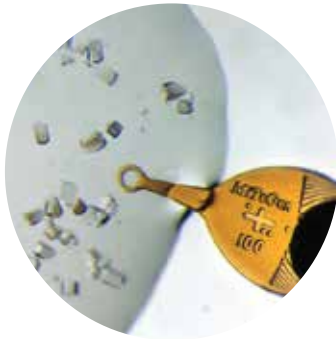
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Watershed™

Protect your drops while harvesting

[Click To Learn More](#)



Loops and Bases

Simplify how you loop crystals

[Click To Learn More](#)



NANUQ™

Completely control your cryocooling

[Click To Learn More](#)



Pucks & Baskets

Easily ship and track your samples

[Click To Learn More](#)

Plates

Your source for the leading crystallization plates

Grow Better Crystals



[Click To Learn More](#)

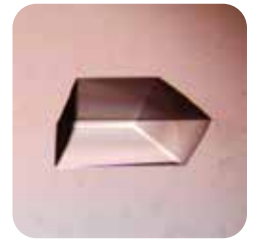
Including:

In Situ-1™ Plates

- Get more hits and better crystals with controlled vapor diffusion

CrystalDirect™ Plates

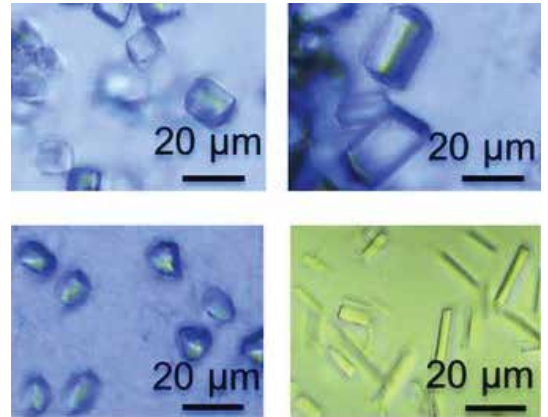
- Collect data at ESRF *in situ* without harvesting crystals
- Developed in collaboration with Dr. Marquez (EMBL) and F. Cipriani (EMBL)



IMISX™ LCP Kit Advanced LCP Crystallization

- Enhance crystallization and screening
- Get data faster with *in situ* X-ray screening
- Screen wells without harvesting crystals
- Optimized for serial synchrotron data collection

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Crystals grown in IMISX Plates

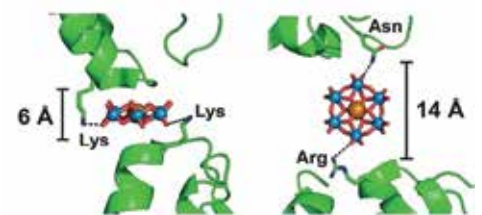
Xtal Screens

Getting hits should be easy

Popular new screens:

XP Screen: Protein Crystal Glue

- Improve crystallization and diffraction
- Conditions includes Anderson–Evans polyoxotungstate [TeW6O24]6− (TEW) the protein crystal glue



Berkeley Screen

- Developed using statistical analyses of the Biological Macromolecular Crystallization Database
- Proven to produce crystals of even the most challenging targets

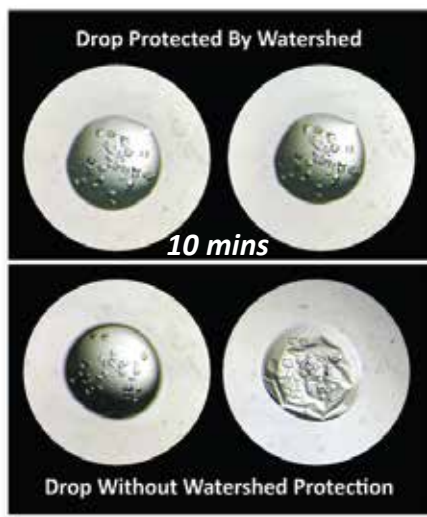
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Watershed™

Improve Crystal Retrieval

"This is a powerful benchtop tool for optimizing crystal harvesting and post-growth treatment protocols."



- Dramatically increase drop working times
- Reduce protein precipitation and degradation
- Harvest more crystals from each drop
- Reduce dehydration and crystal non-isomorphism

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Watershed Features



Humidified Coverslip Workstation



Desktop control of humidity and flow



Humid air flow nozzle for 96-well plates

Loops and Bases

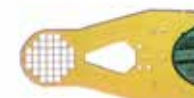
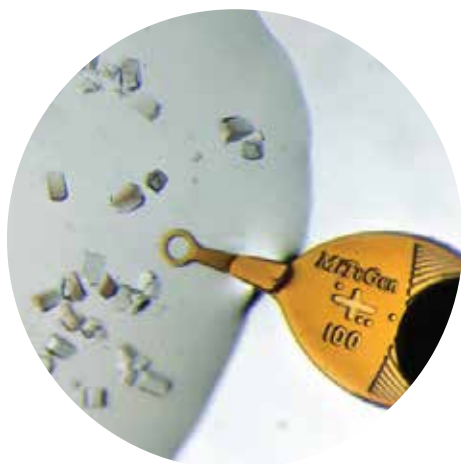
Easily choose the best loops for your crystals

Patented Loop Designs

- Simplify harvesting with low drop disturbance
- X-ray transparent loop can go directly in the beam
- Reduce solvent, improve cryocooling and diffraction

Patented Reusable Bases

- Quickly switch loops to match morphology and size
- Forget about using glue or epoxy, so prep is fast.



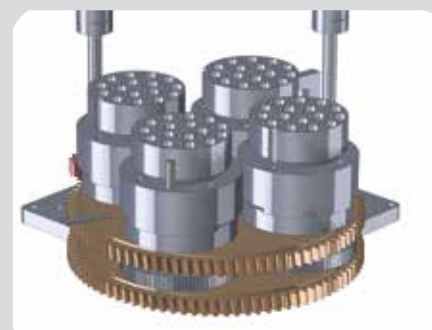
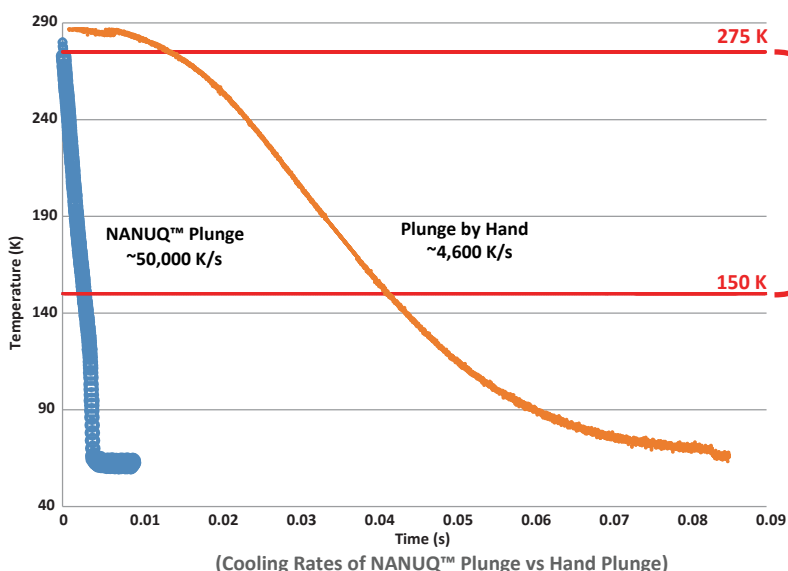
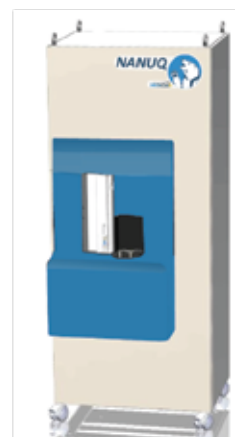
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Control Every Variable

Automated plunge cooling and placement

- Control & Reproduce Cryocooling
- Reduce or Eliminate Cryoprotectant & Ice
- Improve Diffraction & Reduce Mosaicity
- Protect Crystals with Automated Puck Filling

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Automatically fill 4 pucks at a time

Your complete source for:

- CombiPucks
- Uni-pucks
- Cryo-EM Pucks
- SPINE Baskets
- ACTOR Pucks
- SSRL Cassettes

Pucks and Baskets

Ship your crystals anywhere



CombiPuck - Developed with DLS and MRC



Uni-pucks with multi-color option