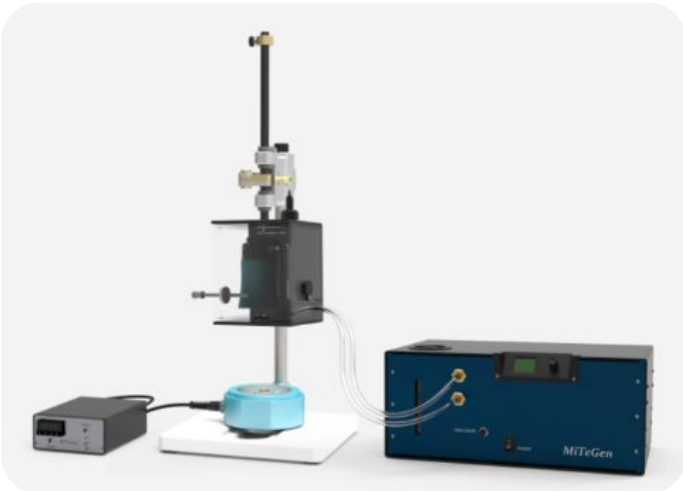


Completely customizable systems built upon our Base Model. A range of standard customizations & custom engineering services can deliver the perfect instrument for your lab's experimental needs.

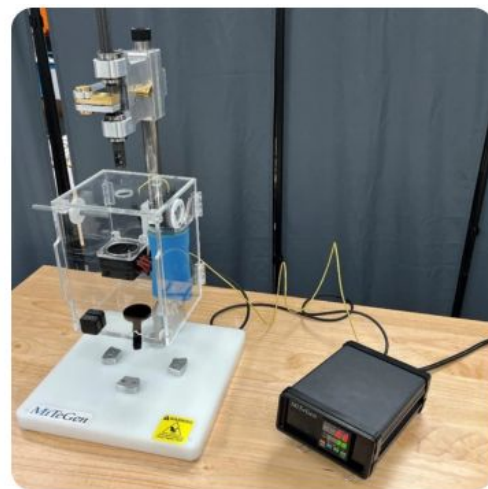
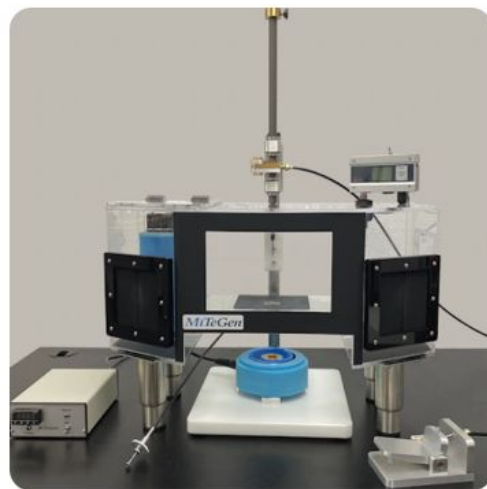
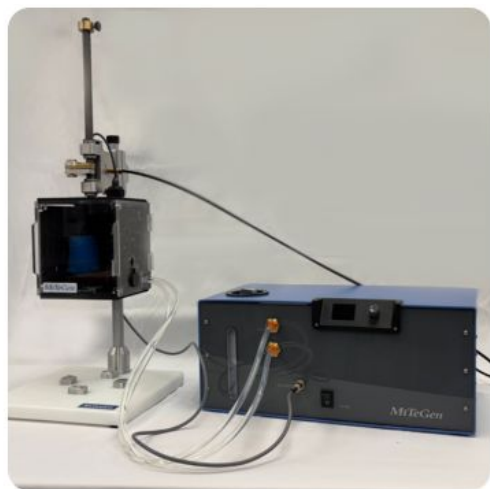


Enclosures

Tailored to meet your application's specific sample prep needs. We have made enclosures for both hot (22 °C-60 °C) and cold (4 °C-22 °C) temperature control, active humidification, and more.

Ethane Dewars & Cryostats

Standard ethane Dewars or temperature-controlled cryostats give you the control needed to consistently produce great grids.

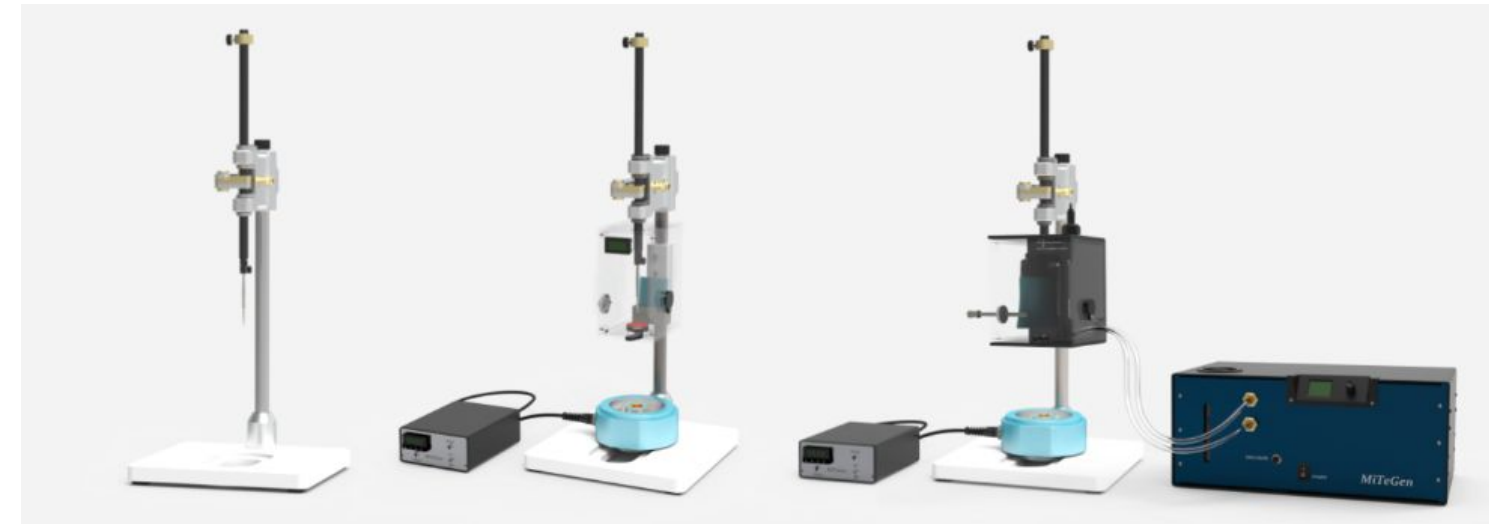


Work with MiTeGen to get the most adaptable system for your lab.



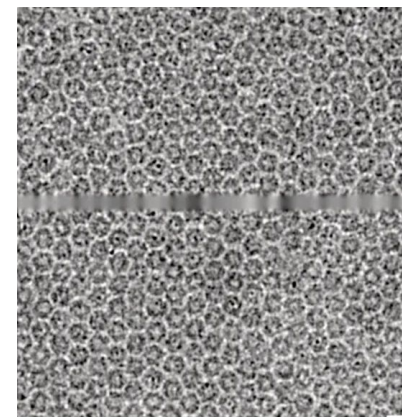
SCAN
HERE

GraVetri Plunge Cooler Series

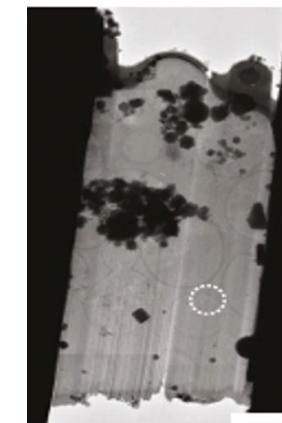


Vitrification, simplified.

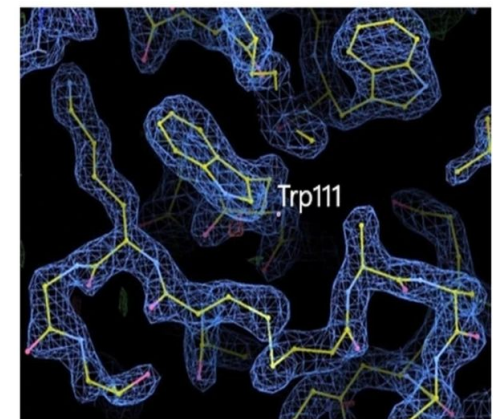
Proven Across Applications



Russo, et. al., *Structure determination by cryoEM at 100 kEv*, Proc. Natl. Acad. Sci. U.S.A 120 (49) e2312905120 <http://doi.org/10.1073/pnas.2313905120> (2023)



Wozny, M.R., Di Luca A., Morado D.R., et. al. *In situ architecture of the ER-mitochondria encounter structure*, Nature 618, 188-192 (2023). <https://doi.org/10.1038/s41586-023-06050-3>



3D reconstruction of lysozyme crystals by micro-ED with GraVetri. Data from Rigaku XtaLAB Synergy-ED provided by Mark Del Campo from Rigaku Americas.

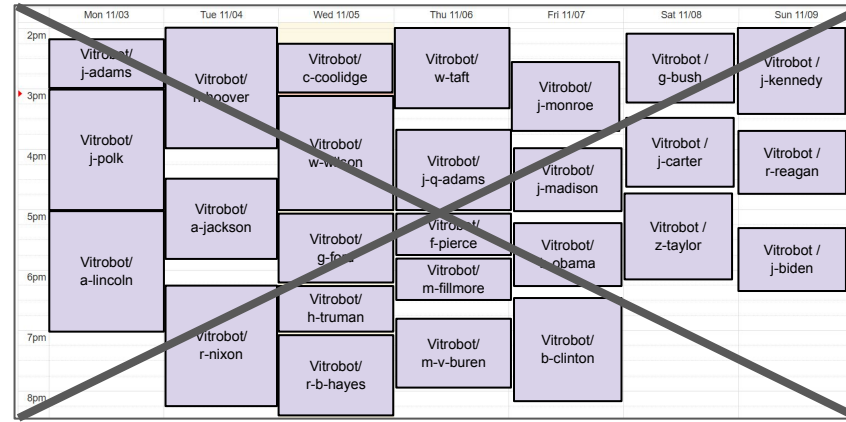
Used for cooling of samples for high resolution single particle analysis, time-resolved cryo-EM, cryo-ET, micro-ED, cryo-ExM, and more!

Learn more: www.mitegen.com/plunge-cooler-series

MiTeGen

Take Control

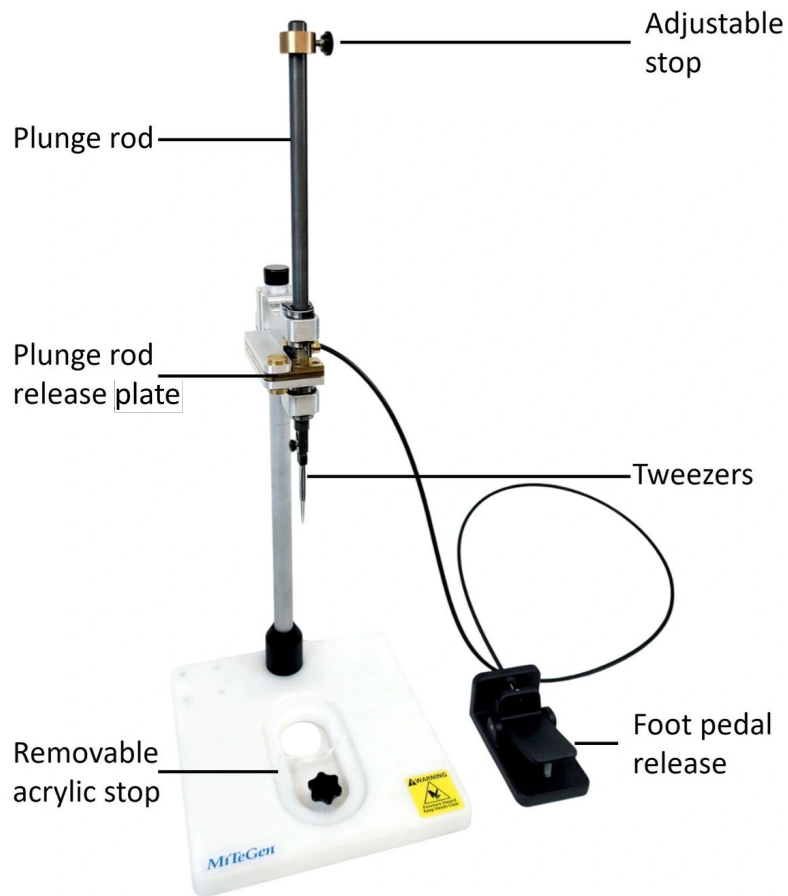
Total ownership of your sample prep pipeline means no more paying and waiting for shared equipment use



No More Shared Equipment Schedule

GraVetri Plunge Cooler Models

Basic Plunge Cooler



Reliable

This base model will dependably provide fast plunge speeds without risk of grid or tweezer damage

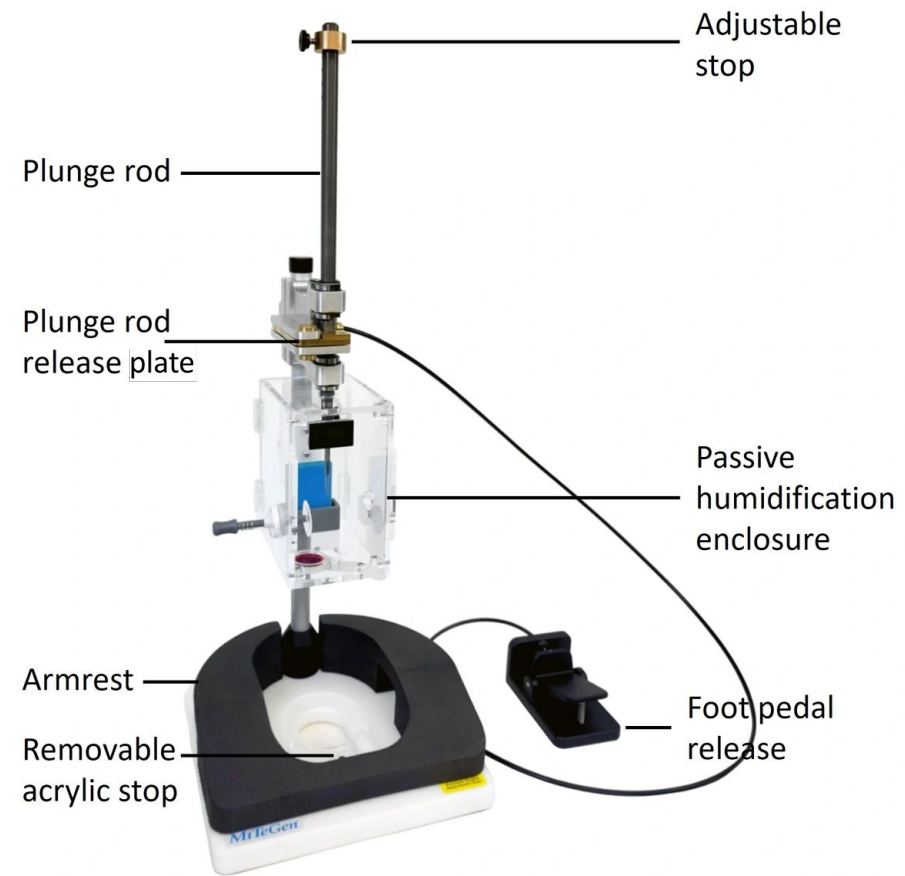
Economical

Made with budget in mind and priced to be accessible to every lab, this unit promises high quality EM samples at a lower cost than competing products



LEARN MORE - SCAN HERE

Standard Plunge Cooler



Fully controlled blotting yields high-quality grids

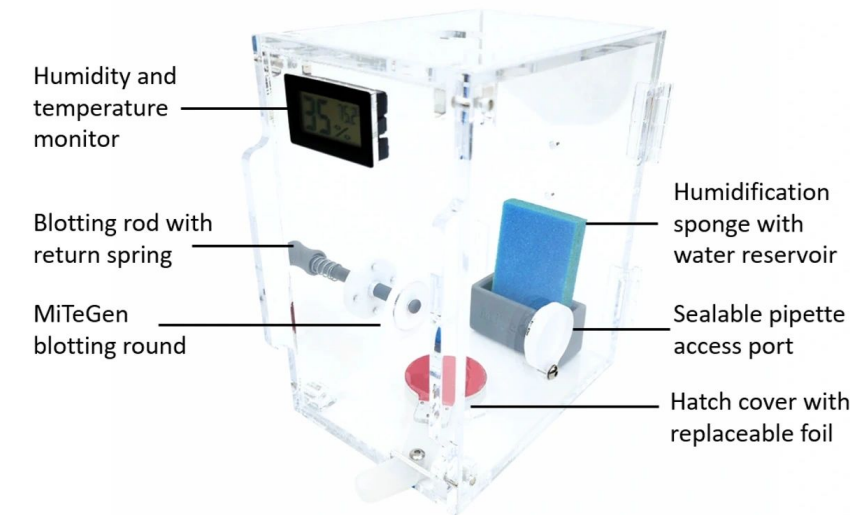
MiTeGen

Dependable

Our standard model will reliably provide fast plunge speeds without risk of grid or tweezer damage, and humidification that stops excess sample drying

Balanced

This design balances user friendliness, ergonomics function, and cost to deliver an affordable system with superior capabilities



Passive humidification enclosure parts and features

Learn more: www.mitegen.com/plunge-cooler-series