

Cooled Crystallization Incubators

The Molecular Dimensions Cooled Crystallization Incubators are specifically selected options from the Series 3000 RUMED Cooled Incubators. This flexible range of incubators, manufactured in Germany, offers remarkable temperature control with minimum vibration and can be customized to suit even the most demanding of laboratory applications. Originally discovered by a leading protein structure laboratory in England RUMED have responded with three superb models for protein crystal growth. Even these base models can be further customized with accessories such as temperature programme control, lighting, glazed door, extra shelves and instrument cable ports.



Molecular Dimensions Cooled Incubators from RUMED are a low-cost alternative to building temperature-controlled rooms and provide much more precise control of crystal growth temperature both in respect of time and position of samples. The incubators are specifically designed for crystal growth and feature a white work chamber with plastic coated wire shelves adjustable at 35 mm intervals. The temperature control is *via* an electronic controller with digital display, over and under safety cut outs and audible alarms. The doors have a magnetic seal and are fully lockable.

180 l, 250 l or 390 l models are available. The temperature range is 273 K – 323 K with

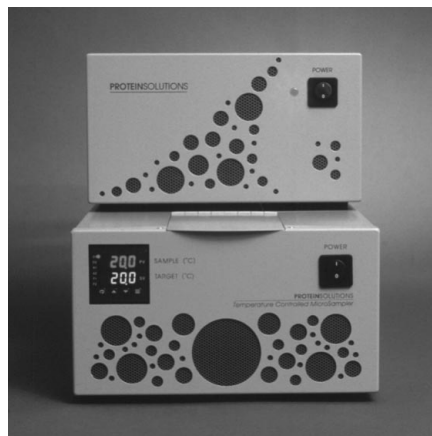
a temperature accuracy of ± 0.1 K. They have a well designed control panel and a small floor space footprint.

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New plate reader for DynaPro

Protein Solutions has developed a 384-well plate reader for its DynaPro light scattering instrument. This new plate reader enables automated, high-throughput dynamic light scattering analysis. The plate reader is based on the company's patented DynaPro dynamic light scattering technology and may either be purchased as a complete system or configured as an add-on to existing DynaPro instruments. DynaPro light scattering instruments were the first commercially available light scattering instruments developed for biomolecular research and especially for pre-screening of protein stock solutions prior to crystallization trials.



Comprehensive information about protein size, distribution, and aggregation state can be obtained in minutes using as little as 12 μ l of sample and significantly increase the odds of successful crystallization. Now a high number of samples may be analyzed and scored automatically.

The web address for Protein Solutions is <http://www.protein-solutions.com>.

Protein Solutions

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New crystallization tool

Nextal Biotechnologies provides products designed specifically for the experimental needs of crystallization. Nextal's new crystallization tool eliminates the need for grease, facilitates experimental set-up and crystal recovery, it offers many advantages for screening and optimization of crystallization conditions as well as providing researchers with additional experimental flexibility helping in the improvement of crystallization results.



The independently sealed crystallization supports enable users to easily implement experimental strategies like, heavy atom soaking for derivatization of protein crystals, streak seeding, separate nucleation from growth, drug ligand screening and crystallization using the same well.



The web address for Nextal is <http://www.nextalbiotech.com>.

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