



PRESS RELEASE

Improving Sub-Ambient Reaction Reproducibility

The **DrySyn Snowstorm MULTI** from **Asynt** provides a simple and highly effective way to perform multiple reactions in parallel across a large temperature range including sub-ambient chemistries such as organometallic syntheses and controlled rate crystallisation studies down to -60°C.

Sub-ambient reactions have traditionally been difficult to undertake reproducibly on a small to medium scale. The DrySyn Snowstorm MULTI is able to accommodate up to 12 vials or three 100ml round bottom flasks offering sub ambient reactions in parallel without the need for jacketed reaction vessels, or ice baths. Operating with a suitable chiller / circulator, a DrySyn SnowStorm MULTI provides accurate, stable temperature control down to -60°C and up to +150°C.

Being able to maintain a sub-ambient temperature, sometimes for significant periods, is important for reaction reproducibility. The DrySyn SnowStorm MULTI connects to an external chiller unit and holds temperatures at a set-point for as long as is required. Setting temperature ramping profiles is also possible on the DrySyn Snowstorm MULTI which is important in crystallisation studies.

For further information please visit www.asynt.com/product/drysynsnowstormreactor/ or contact Asynt on +44-1638-781709 / sales@asynt.com.

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Asynt is a leading supplier of affordable products, consumables and services for chemists in industry and academia. With staff of trained chemists - Asynt is able to draw upon this in-depth applications knowledge to provide a high level of customer support for its DrySyn Heating Blocks, Controlled Lab Reactors, Synthesis Tools, Evaporators, Circulators, Temperature Control Systems, Vacuum Pumps and Laboratory Safety Equipment.

Illustrative image: (image available on request)



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