



PRESS RELEASE

Precise Controlled Cooling of Biological Samples

The **ChilliBlock** from Asynt is a new modular system purpose designed for precise, controlled cooling and heating of biological samples in microplates, vials and Eppendorf tubes.

Traditionally methods of cooling biological samples often rely upon direct immersion in ice buckets which are prone to considerable temperature variability, contamination and loss of wetted labels.

ChilliBlocks can be used directly in conjunction with an ice bath keeping your samples in microplates, vials and Eppendorf tubes cool and dry. For precise temperature controlled experiments – ChilliBlocks should be used with our cooling/heating base unit. The ChilliBlock base unit attaches to most laboratory cooling / heating circulators enabling precise, stable and even temperature control of biological samples from -30°C to $+160^{\circ}\text{C}$. Insulated to prevent ice formation at lower temperatures and ensure homogeneity, the ChilliBlock enables stable, consistent temperature control ($\pm 0.1^{\circ}\text{C}$) of biological samples, in a wide range of standard and custom formats.

Manufactured from clear, resistant, anodised Aluminium - ChilliBlocks offer good chemical resistance and homogeneous temperatures of samples. ChilliBlock's low profile allows it to be fully compatible with robotic sample handling systems.

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

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.

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Illustrative image: (images available on request)



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