



PRESS RELEASE

**Fast Evaporation of Tube & Vial Samples**

Using a patented vacuum-assisted vortex concentration technology, the **Smart Evaporator** sets a new standard for labs tasked with drying sample tubes and vials.

The spiral air flow generated by this unique concentration technology allows the Smart Evaporator to rapidly concentrate even high boiling solvents, such as DMSO, DMF and water without heating to high temperatures.

The Spiral Plug concentration technology works by using vacuum to draw air /nitrogen through a spiral slit generating a vortex which both stirs the sample and creates an increased evaporative surface area. This unique technology allows you to evaporate without worry of solvent bumping and the need to constantly monitor the equipment. As the Spiral Plugs are tapered the Smart Evaporator is compatible with almost any type of vial or sample tube. Using the Smart Evaporator there is no need to switch sample tubes and risk losing sample, or increase the volume of solvent to evaporate because of extra washing steps.

Available in a range of colours from Asynt, the Smart Evaporator manufactured by BioChromato is a compact solvent removal / concentration system for sample tubes and vials up to 100ml in volume that is easy to set-up and fast to use. For further information please visit <http://www.asynt.com/product/smart-evaporator/> or contact Asynt on +44-1638-781709 or [sales@asynt.com](mailto: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.

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**asyntpr45.doc**

Illustrative images: (image available on request)



Vacuum-assisted Vortex Concentration



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