



PRESS RELEASE

Smart Evaporation Technology

Solvent evaporation specialists - **BioChromato Inc.** has published an informative web page that describes how **Vacuum Vortex Concentration (VVC) methodology** enables users of its Smart Series of Evaporators remove even higher boiling solvents including water, DMSO and DMF quickly and safely.

At the heart of each BioChromato Smart Evaporator is a highly efficient spiral airflow created by a special concentrator plug or “Spiral Plug”. This novel **Spiral Plug technology** generates a helical flow of air or inert gas agitating the surface of the solvent, increasing its surface area and thereby greatly improving the effectiveness and speed of evaporation.

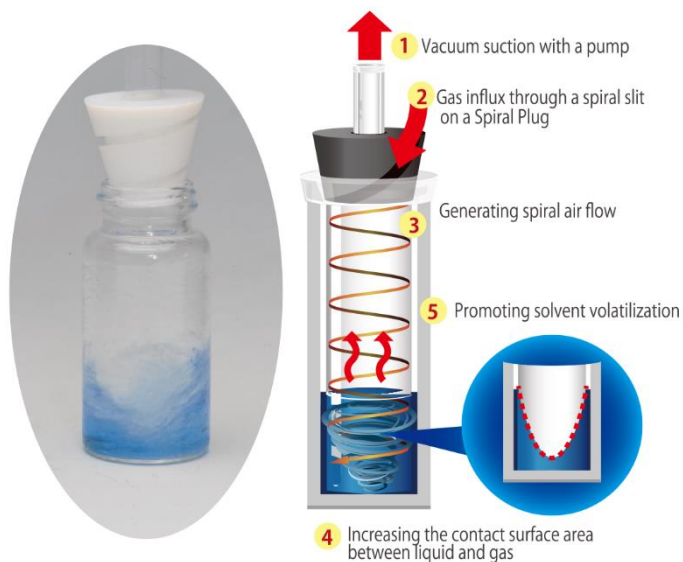
Beneficially since the evaporation vessel on a Smart Evaporator isn't under high vacuum, there is no risk of bumping or splashing. Using VVC methodology - **Smart Evaporators increase efficiency by eliminating** the time-consuming task of cleaning apparatus, potential loss of precious samples and the need to repeat the drying down process that can result from solvent bumping or splashing.



To read this informative introduction to the Vacuum Vortex Concentration (VVC) methodology and how it can improve concentration or drying of samples please visit <https://biochromato.com/smart-evaporator/principal/> .

For further information on the Smart Evaporator C1 please visit <https://biochromato.com/smart-evaporator/> or contact BioChromato Inc. on +81-466-23-8382 / europe@bicr.co.jp / northamerica@bicr.co.jp and enquiries@bicr.co.jp.

Founded in 1983, BioChromato Inc is a respected Japanese manufacturer of unique high-quality products for chemical laboratories. Through its team of experienced technical experts and network of specialist distributors - BioChromato's aim is to enhance the efficiency of research and development through its development of problem-solving laboratory instruments and consumables.

Illustrative images: (available on request)

Caption: Principal of the Vacuum Vortex Concentration methodology using Spiral Plug technology



Caption: Solvent removal using VVC technology and a spiral plug adaptor for BioChromato SMART Evaporators
