## **Versatile Green Solvent Extraction Systems**

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CO<sub>2</sub> is usually described as an interesting green solvent but with limited range of application due to its low polarity. Other green solvents & HP extraction techniques have been developed to increase extraction speed and extend the range of applications. Subcritical water and pressurized ethanol extraction are the 2 main extraction solvents that can be implemented in the same Green Solvent Extraction Systems developed by Separex.

This paper shows some examples of these versatile systems, presenting the operating principle, operating ranges, and example of applications.

Some interesting options and modules like liquid / liquid fractionation columns, viscous fluid contactor, or solvent recirculation system for batch extraction are also presented.