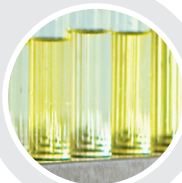




Sepacore Easy Purification Systems

Your first step into controlled separation

You routinely purify your samples on an open glass column and have to cope with a limited resolution and a long separation time. As a first step toward automation, we offer small systems allowing to control the flow rate and the eluent composition.





Sepacore Purification «Easy Synthesis»

The synthesis of each new compound requires the isolation of the target molecule at the highest possible purity. This system features a 250 mL/min, 10 bar (145 psi) gradient pumping system which lets you take full advantage of your flash cartridge in order to reach this goal.



Your most important benefits

- Reduced elution time from hours to minutes
- Increased purity of the collected fractions using gradient elution to optimize the resolution of the separation
- Reduced fraction volume for a faster evaporation

Your «Easy Synthesis» system

- Binary gradient pumping system, 250 mL/min, 10 bar (145 psi)
 - System stand
 - Cartridge holder and connectors
 - Injection valve (up to 5 mL sample)
 - Set of Flash Cartridges
- Order no. 11059792





Sepacore Purification «Easy Extract»

The isolation of a single compound from a natural extract is a challenging task. The initial mixture is complex and the target analyte only present at a low concentration. This 250 mL/min, 50 bar (725 psi) gradient pumping system is able to feed large glass columns best suited to purify high sample volumes.

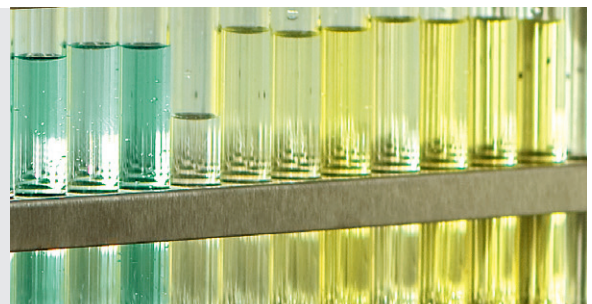


Your most important benefits

- Improved separation of your complex natural extract with controlled elution parameters
- Lower solvent consumption with an easy adjustment of the solvent composition
- High efficiency purification at a pressure up to 50 bar using small particle size silica

Your «Easy Extract» system

- Binary gradient pumping system,
250 mL/min, 50 bar (725 psi)
 - Injection valve with 20 mL sample loop
- Order no. 11059793



Sepacore Easy Purification Systems: Your most important benefits



Improved separation

- Finetuned separation efficiency using gradient elution
- Controlled separation optimization with precise monitoring of eluent composition



Time and money saving

- Reduced elution time with controlled flow rate and solvent composition
- Decreased purification cost with lower solvent consumption
- Cost effective initial investment with upgrade possibilities



Easy and safe

- Intuitive control of pumping parameters
- Minimized solvent exposure

Fully upgradable

Modular system expands according to budget and applications up to a fully automated configuration including detection and fraction collection.



Detector
C-640
UV-Vis detection



ELS Detector
C-650
Evaporative light
scattering detector



Fraction Collector
C-660
Flexible fraction
collection



SepacoreControl
Software
Full control software