



Polyvalent / Eco – Friendly / High Performance Solvent Extraction Lab System SFE 100 ml



→ The 3 main green solvent extractions in 1 lab system

- Supercritical CO₂ Extraction up to 1000 bar (15 000 PSI) / 150°C with CO₂ recycling
- Subcritical Water Extraction up to 300 bar / 250°C
- "High-speed" Ethanol Extraction

→ Applications

- Screening all the available green solvent extraction processes in one single tool for
- Feasibility studies
 - Process comparison
 - Small sample preparation
 - Economical evaluation

→ Technical characteristics

- 1000 bar standard pressure
- Temperature: up to 250°C for water or solvent extraction
- High flow / High Pressure Pump : 80 ml/min of liquid or 50 g/min of CO₂ up to 1000 bar with Separex LGP 50 pump
- Different cell volumes available
- Easy extract collection / CO₂ recycling with cyclonic separator
- Parameter Data logging