

Semipreparative System



Thermo
SCIENTIFIC

The UltiMate 3000 [Binary Semipreparative system](#) is tailored for robust, safe, and high-performance purifications. Based on proven high-pressure gradient principles, the system takes full advantage of UltiMate 3000 features such as SmartFlow pulse-free eluent delivery and wide linear range detection.

- Wide operating flow rate range from 0.5 to 50 mL/min (up to 100mL/min - isocratic mode)
- Support operating pressures of up to 165 bar (2400 psi) at up to 30 mL/min; 135 bar (1950 psi) at 50 mL/min
- Double Flow mode enables flow rates of up to 100 mL/min for isocratic applications
- SmartFlow™ technology for precise and accurate flow rates
- High-pressure proportioning at high accuracy and precision
- Variable mixing volumes for different flow and delay volume requirements
- Sample injections up to 2.5 mL with excellent volumetric linearity
- Chromeleon solvent and waste level monitor