

UHPLC

The logo for Thermo Scientific, with 'Thermo' in red and 'SCIENTIFIC' in black, both in capital letters.

The UltiMate 3000 [RSLC system](#) provides unrivaled performance and flexibility in UHPLC. Precision-engineered instrumentation, advanced data processing, and highly optimized chemistries meet all chromatographic performance challenges. With an outstanding product portfolio, the RSLC system offers industry leading versatility covering the maximum range of UHPLC applications, while keeping fully compatible to conventional LC.

- 1034 bar maximum pressure and flow rates up to 8 mL/min
- Binary, quaternary, and dual-gradient pumps available
- Industry leading range of UHPLC detectors with data rates up to 200 Hz
- x2 Dual system solutions for increased sample throughput beyond common UHPLC
- Fractionation and re-injection for multidimensional UHPLC, direct injection to MS, or purification tasks