Thermo Scientific HPLC and UHPLC Systems

LC portfolio for LC-MS applications

Column ID: 50 µm 75 µm 150 µm 300 µm 0.5 mm 1.0 mm ...

Columns available:
- Thermo Scientific™ PepMap™ Neo columns
- Thermo Scientific™ MabPac™ columns
- Thermo Scientific™ Hypersil GOLD™ columns
- Thermo Scientific™ Accucore™ columns
- Thermo Scientific™ Acclaim™ columns

Nano: <1.5 µL/min
Capillary: 1–10 µL/min
Micro: 5–100 µL/min
Analytical: >50 µL/min

Thermo Scientific™ Vanquish™ Neo UHPLC System
Thermo Scientific™ Vanquish™ Horizon UHPLC System
Thermo Scientific™ Vanquish™ Flex UHPLC System
Thermo Scientific™ Vanquish™ Core HPLC System

ESI MS Sensitivity
Thermo Scientific LC portfolio overview

**HPLC Systems**

- **Thermo Scientific Vanquish Core HPLC Systems**
  - High-pressure binary, low-pressure quaternary solvent blending or isocratic flow delivery
  - Workhorse instrument
  - Seamless method transfer
  - System intelligence for improved productivity

- **Thermo Scientific Vanquish Flex UHPLC Systems**
  - High-pressure binary and low-pressure quaternary solvent blending
  - Biocompatible
  - Unparalleled flexibility and control

- **Thermo Scientific Vanquish Horizon UHPLC System**
  - High-pressure binary solvent blending
  - Biocompatible
  - Industry-leading specifications
  - Unmatched detection sensitivity

- **Thermo Scientific Vanquish Neo UHPLC System**
  - All-in-one nano-, capillary-, and micro-flow LC system
  - Accelerating productivity with long-term, trouble-free operation
  - Intelligent at-system or remote control, diagnostics, and troubleshooting

**UHPLC Systems**

- **Application-Specific HPLC and UHPLC**
  - Thermo Scientific™ Vanquish™ Duo LC Systems
  - Thermo Scientific™ Vanquish™ Method Development LC Systems
  - Thermo Scientific™ Vanquish™ Online 2D-LC Systems

- **Thermo Scientific™ Transcend™ LX and TLX UHPLC Systems**
  - Up to 4 independent LC channels
  - Increases LC-MS throughput by up to 4 fold
  - Thermo Scientific™ TurboFlow™ Technology for automated sample clean-up

**Analytical HPLC and UHPLC**

- **Thermo Scientific™ Transcend™ LX and TLX UHPLC Systems**
  - Up to 4 independent LC channels
  - Increases LC-MS throughput by up to 4 fold

**Nano-, cap-, micro-flow UHPLC**

- **Thermo Scientific™ Transcend™ LX and TLX UHPLC Systems**
  - Up to 4 independent LC channels
  - Increases LC-MS throughput by up to 4 fold

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**Discover more at** [thermofisher.com/hplc](https://thermofisher.com/hplc)