

INTUITIVE ACCURATE AND READY WHEN YOU ARE

LC 300 HPLC and UHPLC Systems

■ Configurable to Fit Your Needs

Choose 10K psi (690 bar) pump for routine, high-throughput HPLC testing, or 18K psi (1240 bar) UHPLC pump for ultrafast separations.

Available external Peltier column oven delivers precise and consistent temperature control, while an optional column selection valve allows for automated column switching of up to six columns.

■ Select from Five Available Detectors That Can Be Used Individually or Sequentially

- Photodiode array
- Multiwavelength UV/Vis
- Single wavelength UV/Vis
- Refractive index
- Fluorescence

■ Ease Meets Efficiency with SimplicityChrom™ CDS

Complete your data-processing and instrument-control needs in one workspace.

- Achieve efficient and powerful instrument control.
- Create custom workflows.
- Remain compliant with 21 CFR Part 11 requirements.



■ Chromatography Simplified

The LC 300 was designed with you in mind.

- Integrated column oven with preheater reduces the length of interconnect tubing for optional peak shape and resolution.
- Built-in solvent degassing technology simplifies the analytical process – no need for a separate, external degassing module.
- Waste management module provides increased flexibility with the option to drain from the front or the back of this module.

■ At-a-Glance System Status with Integrated Color Display

Gain an immediate assessment of your system status, current queue, and sample process.

- Features high-visibility color display.
- Allows you to see operational conditions in real-time, right on the system.

■ Accuracy and Precision

When accuracy is everything.

- Four individually motor-driven pump heads generate maximum freedom for precise flow control and pulsation reduction.
- Software-controlled prime and purge in just minutes.
- Automated sample dilution and derivatization.

For more information, visit: www.perkinelmer.com/LC300.