



## Agilent 1100 Series Liquid Chromatograph Troubleshooting and Maintenance

Agilent Life Sciences and Chemical Analysis Training Courses

### H8969A

Two Days  
Hands-On Troubleshooting and  
Maintenance

#### Description

Introduces the operator of an Agilent 1100 Series liquid chromatograph to troubleshooting and maintenance of the entire system for maximum reliability and productivity.

The course covers isocratic, binary, and quaternary pumping systems as well as the vacuum degasser, autoinjector, variable wavelength detector, and diode array detector.

If requested the optional Agilent 1100 preparative and capillary HPLC systems modules can be included into this course.

#### Course Outline

- Agilent 1100 Series LC Overview
- Status and Logbooks
- Solvents and Fittings
- Agilent 1100 Series Diagnostics
- Agilent 1100 LC Pumps and Vacuum Degasser
- Agilent 1100 Autosampler
- Agilent 1100 Column Compartment
- Agilent 1100 Variable Wavelength Detector (hands-on, depending on detector availability)
- Agilent 1100 Diode Array Detector (hands-on, depending on detector availability)
- Practical Laboratory Techniques
- Agilent Fluorescence Detector (lecture only)
- Agilent Refractive Index Detector (lecture only)
- Agilent 1100 Series LC Summary
- Agilent 1100 Capillary or Preparative System maintenance (optional lecture only)

#### Prerequisites

The students should be familiar with the operation of the Agilent 1100 HPLC.

#### Student Profile

Anyone interested in gaining a better understanding of the function and maintenance of Agilent 1100 Series liquid chromatograph modules.

#### Equipment Used during Training

- Agilent 1100 Series liquid chromatograph equipped with a quaternary pump, autosampler, column compartment, and variable wavelength detector or diode array detector.
- Controller
- Agilent ChemStation for LC
- Pump heads
- Flow cells

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