Micro GC System Training

Agilent Chemical Analysis Training Courses

H1187A

Three Days
Hands-On Operation

Description

Introduces the fundamental concepts of gas chromatography and the operation of the Agilent Micro GC system.

- Provides hands-on training using the P200 Micro GC with backflush and Btu options.
- Explains hardware components and software features.
- Describes method optimization techniques.
- Reviews basic troubleshooting and maintenance procedures.

Course Outline

- Basic GC Concepts
- Hardware Familiarization and Setup
- Introduction to EZ Chrome Software
- Data Acquisition and Analysis
- Optimizing the Injection Process
- Optimizing Column Performance
- Optimizing Detector Performance
- Calibration, Sequences, and Reporting
- Btu Reports
- Troubleshooting and Maintenance

Prerequisites

None. However, a working knowledge of PCs is recommended.

Student Profile

A new user of the Agilent P-Series Micro GC who is responsible for routine sample analysis and may be responsible for developing new methods.

Equipment Used during Training

- Dual-channel P-200 Micro GC with backflush using 10-meter Molsieve and 8-meter Poraplot U columns.
- Dual-channel P-200 Micro GC Btu analyzer with heated injector using 10-meter OV1 and 8-meter Poraplot U columns.
- EZ Chrom software (Ver. 4.5) on laptop PCs with Microsoft® Windows® for Workgroups 3.1 or Windows NT 4.0.

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