5890 Gas Chromatograph Maintenance

Agilent Chemical Analysis Training Courses

H4001A

Four Days
Hands-On Operation

Description

Provides clear instruction on how preventive maintenance can ensure the long-term reliability and proper operation of the 5890 gas chromatograph.

3.2 CEUs

Course Outline

Day One

- How to Use Reference Manuals
- Packed Inlet System
- Split/Splitless Inlet System
- Inlet Maintenance and Troubleshooting

Day Two

- Flame Ionization Detector
- Thermal Conductivity Detector
- FID and TCD Maintenance and Troubleshooting

Day Three

- Performance Verification
- Power-On Self Test and Diagnostics Electronics

Day Four

- Automatic Liquid Sampler
- Debugging Exercises

Prerequisites

Techniques of Gas Chromatography (H4002A) or at least six months' experience in operating the 5890 GC.

Student Profile

A person who has a fundamental knowledge of GC operation and who is responsible for maintaining and troubleshooting the Agilent 5890 GC. This person may be involved primarily in instrument repair rather than operation.

Equipment Used during Training

- 5890 Series II GC with packed and split/splitless inlets
- Flame ionization and thermal conductivity detectors
- 3396 Series II integrator
- 7673B automatic liquid sampler

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