

## Process Analyzers

# MicroSAM Maintenance

### General Information

Course Code: PIA-PAMSAMS1  
Length: 3 Days

### Audience

This course is intended for individuals responsible for maintaining the MicroSAM Gas Chromatograph. This class is for users who need to perform routine maintenance and calibration of the MicroSAM Gas Chromatograph.

### Prerequisites

- Maxum Operation with GCP Level 1

### Profile

2 CEUs (Continuing Education Credits)

The course covers operation, maintenance, and calibration of the MicroSAM Gas Chromatograph. It also covers the hardware and related programming as well as covering the operation of the Maxum Workstation, which includes Table Editor and EZChrom.

This course can be taught at the customer's site and customized to meet the customer's needs. With advance notice, customer specific applications can be taught.

### Objectives

*Upon completion of this course, the student shall be able to:*

- Perform basic maintenance on the MicroSAM Hardware modules.
- Balance the carrier gas flows.
- Setup the analyzer valve times and EPC pressures
- Configure an EZChrom Instrument
- Adjust peak times using EZChrom
- Calibrate the MicroSAM with EZChrom.
- Backup and restore the analyzer database to a PC

### Topics

1. Hardware Overview
2. Chromatograph
3. Workstation
4. Advance EZChrom Software
5. Table Editor
6. Labs