

Online Instructor-led Refreshers

Maxum Operation with GCP Level 1, Refresher

General Information

Course Code: PIA-PAMAXGCP1-RA1

Length: 2 Hours

Audience

This course is intended for individuals who have completed the Maxum Operation Level 1 course and are responsible for maintaining the Maxum Gas Chromatograph including routine maintenance, application setup and calibration.

Prerequisites

- Maxum Operation with GCP Level 1

Profile

This session is an instructor-led, live, online session which reviews the topics covered in the Maxum Operation with GCP Level 1 classroom course. This two-hour session includes a brief review and/or demonstration followed up by questions and answers. Students are given the opportunity to review the topics listed with an instructor who teaches the Maxum Operation with GCP Level 1 course.

Topics

Topics open for discussion in this session include:

1. Maxum System Overview of how the Maxum hardware and software function together
2. Maxum GCP Overview of how to maneuver thru the various software tables and menu structures
3. Maxum Hardware Overview discussing the hardware modules in the Maxum II
4. Maxum Valve Maintenance including the Model 11, Model 50 and Liquid Injection valves
5. Maxum Detectors Maintenance including the TCD, FID and FPD
6. Concepts of Parallel Chromatography using the backflush applet
7. Reading Chromatograms and setting up annotations, zoom and overlays
8. GCP Method Software Method Development
9. Using Integration Options in a Method
10. Setup Named and Group Peaks
11. Define and use Stream Sequences
12. Reading Alarms using System Addressing
13. Reading Custom Documentation
14. Menu Navigation in the HMI
15. Reading and clearing Alarms on the HMI
16. HMI Basics of Operation using short cut keys
17. Using the HMI to modify Methods
18. Calibration using the HMI