

MicroSAM Operation and Maintenance Course (SC-C-SAM-A)

Short Description

The course covers operation, maintenance and calibration of the MicroSAM and operation of the Maxum Workstation including Advance System Manager and EZChrom software packages.

Objectives

On completion of this course the participant will have an understanding of how to separate and detect components in a gas/liquid blend and be able to maintain and calibrate the MicroSAM .

Content

MicroSAM - Physical Structure and Electronic Design

Introduction to Micro-Chromatography.

Description of the analytical module.

Live Injection.

Live column switching.

Hardware modules, electronic, analytical.

Removal/fitting the Analyser module.

Removal/fitting of electronic modules.

Digital I/O

Maintenance of the analysis module and analyser.

Documentation - Data sheet, nomenclature.

The Workstation and Structure of the Software

Devices for networking

Configure the PC

WorkStation Software

Networking

Addresses, IP

Ethernet, Serial interface.

MicroSAM - Database

System Manager - configure database and applications.

EZChrom - generate methods and sample sequences.

MMI emulation - operation and monitoring.

Alarms

The *.amd file, backup and restore

Operating Off-line with EZChrom Software

Application

Sequences, methods

Peak tables and integration parameters.

Each of the above topic areas are backed up by practical exercises using a working MicroSAM training analyser. Working examples are provided and tested out during the course.

Prerequisites

The course is intended for individuals responsible for maintaining and calibrating the MicroSAM.

It would be an advantage (but not an absolute necessity) for attendees to have basic Chromatography skills.

Note

Type

Face-to-face training

Duration

2 days

Language

en

Fee

1,515 GBP

