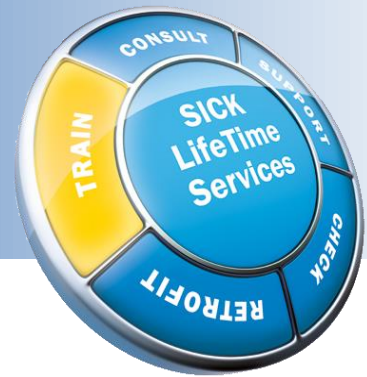


MCS100E MAINTENANCE TRAINING

SICK LifeTime Services Training Course



Description

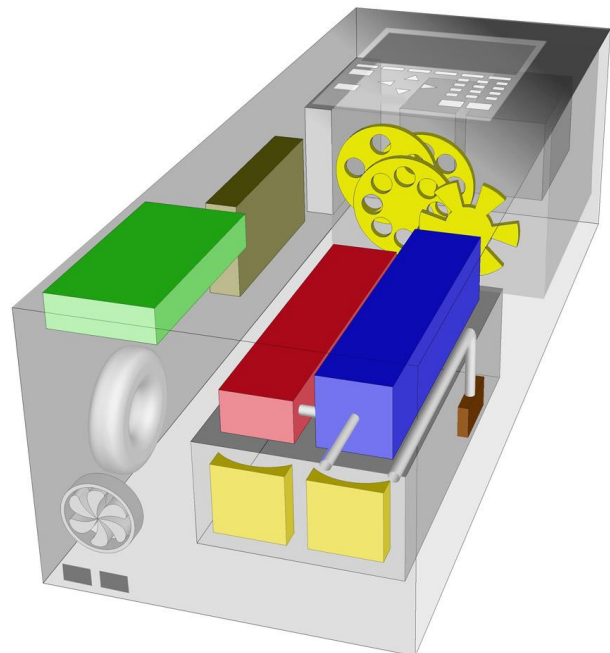
The MCS100E measuring device is used for extractive continuous emission monitoring. The MCS100E can measure quasi-simultaneously up to 8 components (plus optional O₂). The measurement works on the basis of transmitted light applying the single-beam, dual wavelength method and the gas filter correlation method. Learn how to operate the system. Learn how to perform the proper maintenance that will ensure efficiency and performance.

Objectives

- Basic MCS100E Menu Structure
- Preventative Maintenance
 - Visual Inspection
 - Sample Gas Flow
 - Zero Gas Flow
 - Compressed Air
 - Filter Pad
 - Flow Meter
 - Sample Probe
 - Sample Pump
 - Leak Test
 - Span Gas Viewing
 - Span Gas Setting
 - Auto Span Gas for O₂

Course Benefits

- Become familiar with the basic functions of MCS100E menus including the main menu and configuration menu.
- Gain hands on experience performing preventative maintenance.



MCS100E MAINTENANCE TRAINING

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Target Audience

Technicians in measuring and control technology

Prerequisites

MCS100E Overview

Recommended Additional Course

MCS100E Advanced Maintenance

Duration

4 Hours

Class Size

8

Where Offered

This course is intended for our SICK Houston Training Center

*On-Site Training is available, however, SICK will not supply operating gasses or test gasses for the training. No training devices will be supplied and the customer is responsible for any additional service cost related to performing training on their own equipment.

*Virtual training not available.

Format

Lecture, demonstration, and hands-on

Testing Available

No

SICK Training & Education

From product training, start-up assistance, and engineering and consulting services — SICK provides the necessary support before and after field installation through an established network of field personnel. Training, service and support programs from SICK help you reach your goals with our innovative, cost-effective solutions.

SICK offers several types of training programs to help you learn more about our innovative products and systems. Many of our training modules offer hands-on, real-world application examples and problem-solving experiences. Please visit our website at <http://www.sickusa.com> for more information.

SICK Provides These Materials

- MCS100E Operational Device
- MCS100E “Take Apart” Device
- Printed Training Books
- Electronic Operating Instructions

Customer Requirements

- Please dress appropriately (no shorts, tank tops, open toed shoes, etc... jeans are OK) we will be working, hands on, with the equipment during the training session.

Failure to have the customer required material and/or logistics available may lead to ineffective training and may result in the class not being able to achieve the described objectives and course benefits.

Part Number

107484