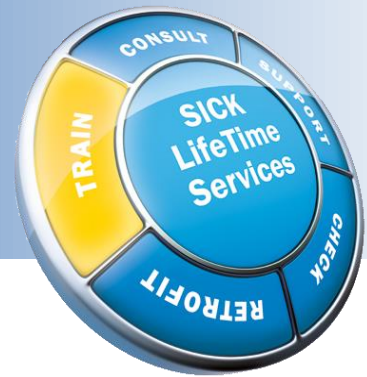


GM32 In-Situ Gas Analyzer Advanced Maintenance Training

SICK LifeTime Services Training Course



Description

This course is specifically designed to provide comprehensive hands-on instruction to personnel who are responsible for troubleshooting, maintenance, and repair. Participants will learn the critical skills necessary for performing basic diagnostics functions, understanding the parameters, and understanding the mechanical function of the GM32 device. Participants will receive hands on experience diagnosing measuring errors vs device errors. They will also gain hands-on experience performing advanced maintenance and basic repairs.

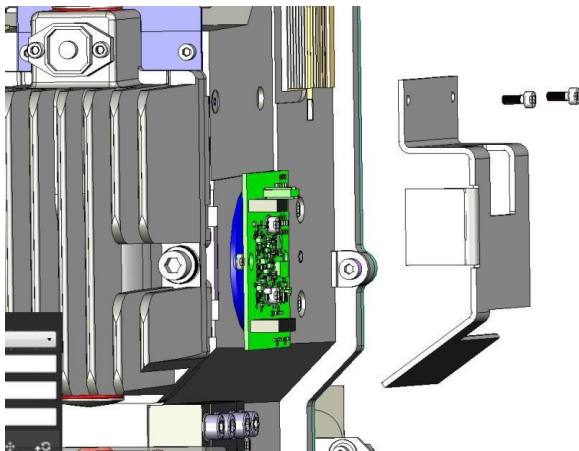
**This course does not cover advanced maintenance of the GPP Probe. GPP32 Advanced Maintenance is offered as a separate course.*

Objectives

- GM32 Parameters
- Zero Adjustment
- Diagnosis
- Replacing Beam Splitters
- Spectrometer Exchange
- GM32 Firmware

Course Benefits

- Understanding the basic system settings and parameters is critical for proper operation as well as for performing diagnostics and troubleshooting. Learn how to set up and operate the GM32 Device.
- Understanding when to perform a zero adjustment is just as important as knowing how to. Learn about the purpose of zero adjustment, when it is necessary, and how to setup and perform the adjustment properly.
- Learn how to use the diagnostics functions of the GM32 to distinguish between device errors and measurement errors. Learn how to use SOPAS for troubleshooting the GM32 from anywhere on your machine network.
- Some repairs are simple, others require further instruction, and this course provides step by step guidance for basic repairs that can be completed on-site.



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Target Audience

Technicians in Measuring and Control

Prerequisites

GM32 Overview
GM32 Maintenance

Recommended Additional Course

GPP32 Advanced Maintenance

Duration

4 Hours

Class Size

Maximum of 8

Where Offered

Customer Site
SICK Houston Training Center
Virtual training NOT available

Format

Lecture, demonstration, hands-on

Testing Available

No

SICK Provides These Materials

- GM32 and GPP Probe for use during training session.
- Printed Training Books
- Electronic Operating Instructions

Logistics

The following must be made available for the duration of the training:

- A suitable training room/area
- A projector with screen for use with a PC
- PC/Laptop with SOPAS ET installed

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

1074858

Travel expenses additional. Please contact SICK for information.

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.