

Training Model 508- Agenda Maintenance and Troubleshooting

GUIDED WAVE'S Maintenance and Troubleshooting course for the Model 508 online process analyzer is one day training with both classroom and hands-on-lab activities. Classes are kept small for more one-on-one instruction, and are taught by knowledgeable experts, each with extensive professional experience at Guided Wave. Copies of all training materials are provided electronically. Please contact us for course price, dates and availability.

Course Agenda Overview

Analyzer Setup and Startup

- Host Computer Requirements
- Loading Software
- First Time Configuration
- Self Diagnostics and status
- Analyzer wavelength calibration
- Reference (Zeroing) and Scanning

LAB – Make it scan

Spectroscopy Overview

Analyzer Software Operation

- USB ports and connecting the Analyzer (review)
- Self-Diagnostics and status (review)
- Review all Software features and functions
- Event Logs
- Help file

I/O Communications and Setup

- LABView DSC software
- Analog and digital discrete
- Modbus

LAB - Spectrometer Hardware Overview and Parts Replacement

- Spectrometer Module
- Power supply
- Touch Screen

Probes and Fiber

- Students will review the internal workings and manufacture of various online probes and flowcells.

LAB – Routine and Preventive Maintenance

- Changing the lamp
- Checking fiber connections/condition
- Cleaning Probes and Flowcells
- Zeroing (aka Referencing)

DATA PROTECTION

- What to backup

Troubleshooting

- Start Fresh!
- Event Logs!
- Light Level?
- Probe Blind?

LAB – Fix it!

LAB - Fiber Optics Termination and Repair Demonstration - if time permits

Guidelines - Returning Components for Repair and RMAs

