

Training M412 - Agenda Advanced Troubleshooting

GUIDED WAVE'S Advanced Troubleshooting course for the Model 412 analyzer is one day training for those who already know the instruments basic operation. Both classroom and hands-on-lab activities are included. 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

Class-PA Software (Quick Review)

LAB – CPA software challenge

Basic Troubleshooting (Review)

- Start Fresh!
- Event Log!
- Light Level?
- Probe Blind?
- Channel Fail
- DATA Protection!
- What to backup

LAB – Fix it!

Advanced Troubleshooting

- Analyzer Failure Modes and Troubleshooting
- Probe and Channel failures
- Grating & analog/servo failures
- Calibration failures
- Lamp & lamp/servo failures
- Lamp, grating, filter failure
- Communications failure

LAB – Analyzer Down!

Troubleshooting/Diagnostics

- Identifying problematic scans
- Collecting symptomatic data
- More Diagnostics
- Problem scan interpretation

LAB – Analyzer is really broken now!

Fiber Termination and Probe Workshop

- Fiber termination is a detail oriented and technique sensitive operation. Proper termination technique is essential to maintaining the optical integrity of the spectrophotometer should a field repair to the fiber circuit be required

LAB - Students will terminate jacketed fiber with SMA connectors.

Open session - LAB or Discussions (as time permits)