

XSeries Level One - Z900

Three-day course, 8:00am - 4:00pm



Course description

This course will instruct the student to set up and use the XFC or μ Flo for proper installation and operation of AGA3 measurement, including calibration. It will also cover multitube measurement, saving and loading configurations, and loading software.

Basic knowledge of gas measurement and proficient computer skills are required.

Learning Objectives

Upon completion of this course, the participants will be able to:

- Identify hardware components
- Use PCCU32 software for set up, implementation of flow calculations, applications, calibration and data collection
- Set up single AGA-3 measurement tube
- Set up additional AGA-3 measurement tube, using an XMV connected to COM2
- Set up various methods of local communication
- Manage configuration files using Update Cold Start and the 32-Bit Loader
- Set up data trending, modify unit display, and set up basic math operations

Course type and methods

This is an instructor-led course with interactive classroom discussions, presentations, and practical exercises. At least 50% of time is spent on hands-on operation and lab activities. Laptops will be provided. Lunch is provided.

Topics

- PCCU overview and setup
- Meter set up and operation
- Gas Measurement
- AGA-3 Measurement tube setup
- Sampler setup using DO
- Calibration
- Collecting and saving data
- Configurable Calibration Report
- Update Cold Start
- Screen Save
- 32-Bit Loader
- Math Operations
- Unit display
- Local and Modbus communications
- Installing XMV using COM2
- Enhanced Mode (Bureau of Land Management)
- AGA-7 tube setup (optional)
- Trending
- Troubleshooting