XSeries Level One (Z900)

Course description
This course will instruct the student to setup and use the XFC or Uflo for proper installation and operation of AGA3 measurement including calibration. It will also cover multitube measurement, saving and loading configurations, and loading software.

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, reporting, data collection, and remote communications
- Set up single AGA-3 measurement tube
- Set up multiple AGA-3 measurement tubes using multivariables (XMV)
- Set up various methods of local communication
- Manage configuration files using Update Cold Start and 32-Bit Loader
- Set up data trending, modify unit display, and set up basic math operations
- PCCU software setup
- Screen save
- Configurable calibration report
- AGA-3 single and multiple tube setup
- AGA-7 tube setup (optional)
- Math operations
- Sampler setup using DO
- Trending
- Troubleshooting

Topics
- Measurement set up and operation
- Collecting and saving data
- Update Cold Start
- 32-Bit Loader
- Reporting
- Calibration
- Unit display
- Remote and local communication
- Modbus® communications
- PCCU software setup
- Screen save
- Configurable calibration report
- AGA-3 single and multiple tube setup
- AGA-7 tube setup (optional)
- Math operations
- Sampler setup using DO
- Trending
- Troubleshooting

Duration
The duration is 3 days – 8:30 a.m. to 4:30 p.m. each day. Doors open at 8:00 a.m local time. Laptops will be provided.

Prerequisites
Students attending this course should have basic knowledge of gas measurement and proficient computer skills.