



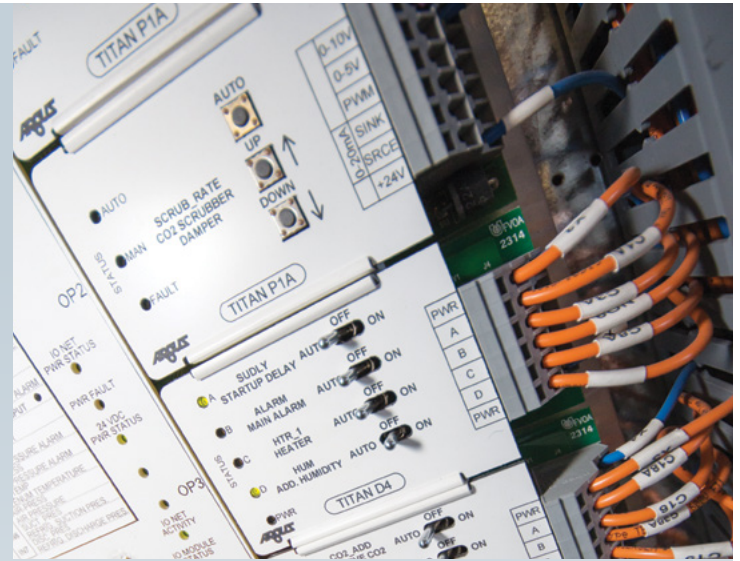
## SERVICE SEMINARS

Today, successful research depends upon reliable equipment.

**CONVIRON®**

## CONVIRON OFFERS:

- Superior instruction by seasoned Conviron Technicians
- Fully developed training course and materials
- Classroom theory and hands-on training
- Custom designed courses for:
  1. Users, operators and researchers; and
  2. Service technicians.



# CONVIRON SERVICE TRAINING SEMINARS

Conviron manufacturers controlled environment solutions for a wide range of applications. Successful research depends upon reliable equipment. Downtime can mean lost experiments, grants, or competitive advantage.

To ensure our clients can use and maintain our equipment without the worry of unnecessary downtime, Conviron has developed training seminars for both users and technicians.

Each seminar series is tailored to meet your requirements, whether you are a seasoned service technician or a researcher just starting to use our chambers and rooms.



### Who should attend the user, operator and researcher seminar?

This course is aimed at those who want to increase their knowledge about Conviron equipment, its operation and service requirements. Topics deal with situations designed to reinforce practical skills regarding chamber operation.

Attendees develop an understanding of the advanced features of the chamber, local controller and the networking capabilities to control multiple units. The course divides theory with hands on experience using actual Conviron products. This course is designed to take the participant with little or no experience and transform them into an intermediate to advanced user. If you are required to call on others for advanced troubleshooting or repair, this is the course which provides the most benefit.

### Who should attend the service technician seminar?

This course is designed for qualified trades people having a basic understanding of controlled environment equipment, refrigeration systems, and electrical systems and controls.

The course is a balance between theory of operation and troubleshooting to develop diagnostic expertise. During the course, attendees study the principles of operation and the necessary skills to diagnose modes of failure under simulated service call scenarios. Conviron reinforces classroom theory with hands on experiences at the factory or at your location.

Seminars are usually planned for the spring and fall months.



### User, Operator and Researcher Seminar

- Basic systems overview of operation, maintenance and features of Conviron equipment and controller technologies
- Local controller training on, CMP5000 and 6000 series system operation. This session introduces the display and input screens. During the discussion the power and flexibility of tracking alarms and other features are demonstrated
- Hands on training for CMP5000 and CMP6000 series controller. This session shows users how to program input screens through practical examples
- CMP5000 and CMP6000 series advanced features, "getting the most out of your controller." This session shows users how to control multiple chambers from one central host computer using our Central Management™ (CM) technology
- Basic troubleshooting, what to do, who to call if things go wrong
- Electrostatic discharge, prevention and control
- Psychrometric theory, the science of relative humidity

### Service Technician Seminar

- Basic systems overview of operation, maintenance and features of Conviron equipment and controller technologies. This is a quick review of the topics discussed in the user, operator and researcher seminar
- CMP5000 and CMP6000 series control system operation
- Central Management™ (CM), advanced training on configurations and host computer settings for efficient management of multiple chamber networks
- Refrigeration and mechanical system basics and advanced diagnostics
- Dehumidification systems
- Carbon dioxide systems
- CMP5000 and CMP6000 series control system troubleshooting
- Electrical and electronic system basics and advanced diagnostics
- Hands on troubleshooting
- Electrostatic discharge, prevention and control
- Psychrometric theory, the science of relative humidity





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