



Hands-On Training Visit

The hands-on training visit consists of 2 x 4 hour sessions in one day. The training is designed for the customer who is familiar with data logging equipment and procedures but needs an introduction to the use of the SCORPION® 2 Data Logging Measurement System. Small groups of 2 - 4 trainees receive personal one-on-one training. Each trainee will receive a hard copy of all course materials for future reference.



Outline

AM 4 hours:

- Introduction
- Discuss Windows compatibility and SCORPION® Software Licensing
- Demonstrate profiling procedure in the classroom
- Get set up in oven area for profiling runs
- Enter process information into SV8
- Instructor to collect first complete set of profiles (Temperature, Air Velocity, Heat Flux, and Humidity) from start to finish with detailed explanation of every step
- Explain trimming the data, data table, profile summary and process summary
- Analyze the collected data with SV8 displaying 2D Line, 2D Contour, and 3D Mesh graphs

PM 4 hours:

- Set up customer PC's with SV8 software
- Trainees to collect complete set of profiles, using all sensors, under guidance of the instructor
- Trainees to analyze profiles in SV8
- Explain on screen measurements, notes and tools
- Set up averages and comparison overlays
- Discuss advanced features of reference lines, x markers, spc and food safety % kill
- Demonstrate printing and exporting charts and data tables for reports
- Wrap-up, open discussion

The above should be used as a guide with the idea that we can deviate from this based on your specific needs. All profiling will be performed with customers equipment, therefore the customer must have the SCORPION® 2 Equipment available and ready for use. The equipment will be needed in the classroom for the AM session.

Following is a list of 5 items that should be prepared, prior to the instructor's arrival, in order for the training to go smoothly:

- 1) A conference room with a projector capable of connecting to a PC. This room will be used throughout the day. A whiteboard is also needed.
- 2) Secure a Laptop to be used with SCORPION® 2. It is beneficial if this laptop belongs to one of the trainees. Operating system: XP or WIN7 - 32/64bit.
- 3) Set up a worktable (approx. 3ft X 6ft) in the factory, preferably near the front (oven input) of the ovens being profiled. This will be for the Laptop and SCORPION® 2 Equipment. There should be at least 4 AC power outlets at this table. The area should be reasonably clean for PC operation.
- 4) A good stopwatch with a split time feature for timing the profile runs.
- 5) A fan to help cool the SCORPION® 2 equipment between profiling runs.



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