

### TECHNICAL DATA

# Furnace Tracker®

## Insight™ Temperature Uniformity Survey Software – Compliance made easy

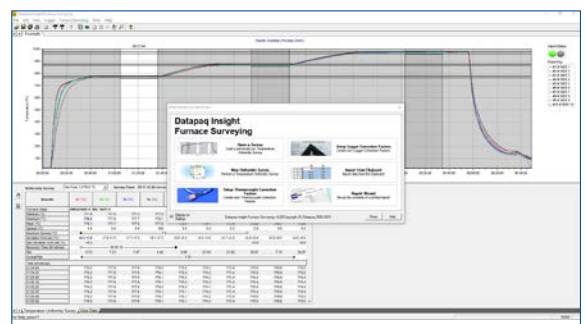
The Insight Temperature Uniformity Survey (TUS) Software combines all the functionality of the Insight professional software with a TUS reporting tool. The suite of wizards and tools guide the user through the reporting process minimizing repeated data entry and potential for user error. The resulting report meets the requirements of the most stringent pyrometry specifications such as AMS2750 and CQI-9.

### AMS2750 and CQI-9 Requirements

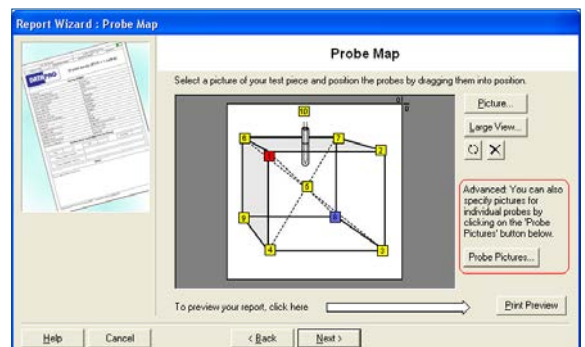
- Apply correction factors from logger memory – save time and avoid user errors
- Thermocouple usage tracker - allows you to monitor the duration, temperature and number of times the thermocouples have been used
- Calculate stability – over-shoot alarm and three selectable alerts tell you when stability is reached – save time on surveys
- Complete AMS2750 and CQI-9 documentation – one-click full report saves time while maintaining consistency
- Password protection – meets required security standards
- Import from clipboard – easily import control thermocouple data into survey Paqfile
- Full audit trail – guaranteed traceability of data
- ASTM E29 rounding – Insight applies rounding according to ASTM E29

### Key Features

- Controlling specification – create specifications depending on your needs
- Hottest and coldest points identified – an instant visual indication of the hottest and coldest points of the furnace highlighted both on-screen and in the printed report
- Recovery time data – provides an automatic calculation of the time between the first and last thermocouple entering the lower tolerance band
- Restrict display intervals – allows user to print longer intervals for a shorter report
- Print to PDF – share survey report data easily and efficiently
- Modular – store furnace data, correction factors and survey parameters independently for efficient reporting.



Wizard driven operation

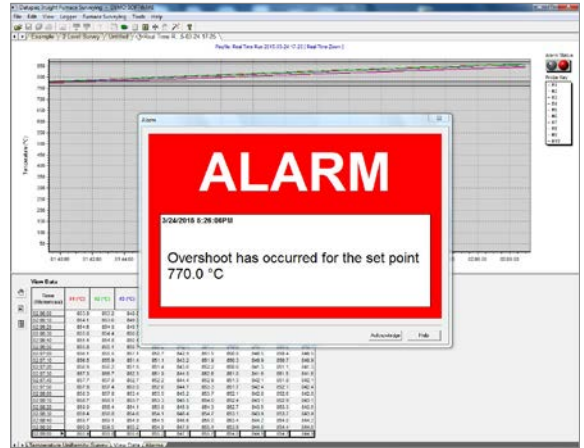


Generic or user selectable probe images

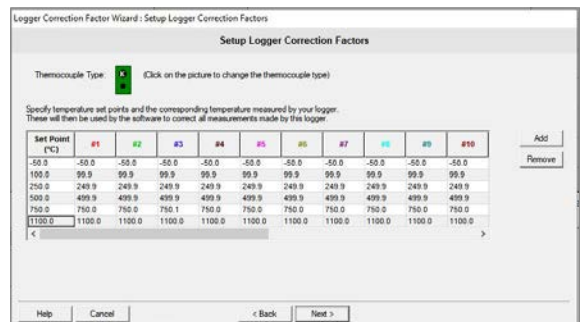
**Real time TUS data**

Using the insight TUS software with hard wired or radio frequency telemetry offers further opportunity to increase the efficiency of TUS activities.

- Early failure detection – Receive notifications when controlling specification tolerance requirements have been exceeded.
- Alarms and alerts – Set alerts to show required minimum survey time at each setpoint has been recorded to reduce overall TUS time.
- Broken thermocouple – Warning for broken thermocouples to allow intervention in case of a potentially non-conforming survey.



Real time alarms and alerts



Download and apply correction factors directly from data logger

**The Fluke Process Instruments Guarantee**

Each Fluke Process Instruments system is supported with a full one year warranty. Service contracts available: Complementing the warranty, we offer a yearly service and recalibration contract, which includes free software updates and loan equipment for guaranteed peace of mind.

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