



A Fluke Company

Oven Tracker[®]

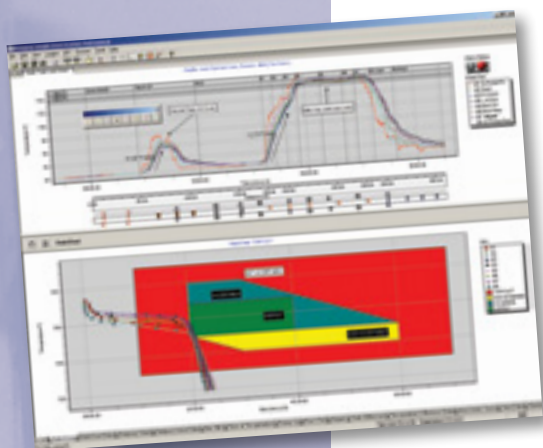
Insight[™] Software

Making a difference – the benefits of Insight Professional

Datapaq[®] powerful Insight[™] analysis software has been designed specifically to convert raw temperature data into meaningful information that can be used to understand, control and optimize your cure process.

Choose the level of functionality to suit your needs:

- **Insight Professional** – full Insight package. Includes the ability to choose which functions remain active and which ones to hide. Reintroduce features as and when your process requirements change.
- **Insight Basic** – basic Insight package. Just as accurate and efficient as Insight Professional, but with reduced functionality. Ideal for new users or for situations where collecting data for use by others is the only requirement.



SmartPac – Pre-program MemoryPac with process pass/fail criteria based on either Datapaq Value, Time at Temperature or Maximum Temperature.

Integrated SPC – Integrated Statistical Process Control (SPC) function used to monitor process variability of key analysis parameters. Predict oven process problems before they occur. Summarize the performance of your oven with a single report.

Digital BakeChart – Create a digital version of your paint suppliers BakeChart cure specification. Report Time at Temperature data direct from the profile against the cure window to see instantaneously if your process is in specification. Apply the unique Datapaq ISO cure function to derive from the BakeChart all Datapaq Value parameters and pass/fail criteria.

Customized reporting – Create your own comprehensive, customized profile report and add further required supplementary test/process information. Share data easily by exporting to a PDF.

Probe Map with linked Photo Archive – Place thermocouple markers on a digital image of an automotive car body shell to show exact placement.

Process files – Use the Process Template file to describe the oven process, product and coating cure parameters. Set up analysis and alarms, create once and then use as default, eliminating time-consuming parameter input.

Datapaq Value – The industry accepted Index of Cure calculation. A value of 100 represents a perfect match between your production run and the paint supplier's cure requirements. Easy-to-use Wizards to help with parameter input. Create and share a library of Datapaq Value parameter files for the range of coatings you use.

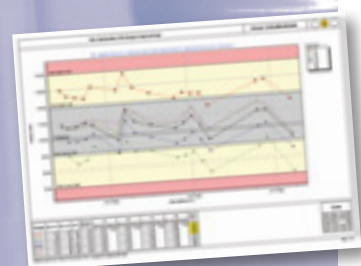
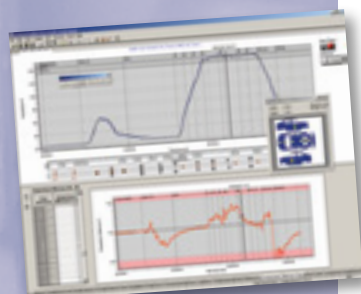
Process Optimization Tool – Automatically and accurately predict the effect of altering profile data such as product temperature and line speed on the process performance using the Datapaq Value analysis tool. Make informed theoretical process change recommendations without need for a costly tedious repeat testing (trial and error) approach to process optimization.

Automotive analysis tools – Designed to satisfy the most demanding of automotive oven control and monitoring procedures:

- **Ramp Up Analysis** – meet paint suppliers specifications to eliminate solvent pop issues
- **Temperature Difference Probe** – check to confirm that temperature variations from opposite sides of the car are within specification



TECHNICAL SPECIFICATIONS



Insight Analysis Software V7.3 or higher

Access to cut down basic software
Software customization
SmartPac pass/fail set-up
Advanced security
Auto logger detection
Onboard calibration data
Probe Map with linked photo archive
Datapaq Value Wizard
Datapaq Value parameter file (.DPV)
Multi run – intelligent download
Logger/probe correction factors
SPC – extrapolation feature
PDF report generator
Onboard quick reference guide/animated tutorials
Onboard service diagnostics
Ramp Up Analysis tool
Temperature Difference Probe Tool

Basic Functions

Windows 32 (Explorer File Handling)
Selectable Probe Traces
View Temperature Data
Maximum Temperature/Time Reached
Time @ Temperature
Datapaq Value 'Index of Cure'
Process File
Logger Alarms
(Low Battery, Over Temperature, Invalid Data)
Calibration Expiry Warning
Oven Start Correction Manual
Probe Alignment Correction
Context Sensitive Help
Wizard Operation
Operator Mode

Data Analysis

Multiple File Handling
Import Data
Analysis Alarms
Graph Overlay
Tolerance Curve
Process Optimization Tool
Ideal Curve "Cure Prediction"
Advanced Process File
Advanced Analysis (Slope)
Advanced Analysis (Rise/Fall & Peak Difference)
Thermograph/3D Graph
Contour Plot
BakeChart
ISO Cure Function 'Datapaq Value'
SPC
Paqfile Merge/Extract
Area Under Curve
1st Derivate
Virtual Probe
Oven Mimics

Data Reporting

Profile Report Fixed
SPC Report
BakeChart Report
Print Preview
Data Export
Paqfile Viewer
E-mail
Report Generator Wizard

Basic Insight

Yes
No
Yes
No
Yes
Yes
No
Yes
Yes
No
No
Yes
Yes
No
No

Basic Insight

Yes
Yes
Yes
Yes
Yes
Standard
Simplified (6 zones)
Yes
Yes
Auto (Time/Temp)
Manual
Yes
Yes
No

Basic Insight

Yes
Yes
Yes
Yes
up to 3
No
No
No
No
No
Yes
Yes
No
No
No
No
Yes
No
No

Basic Insight

Customizable
No
No
Yes
Yes
Yes
Yes
Automatic
No

Professional Insight

Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes

Professional Insight

Yes
Yes
Yes
Yes
Yes
Advanced
Full
Yes
Yes
Auto (Time/Temp)
Manual
Yes
Yes
Yes

Professional Insight

Yes
Yes
Yes
Yes
up to 10
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes

Professional Insight

Customizable
Yes
Yes
Yes
Yes
Yes
Yes
Automatic
Yes

The Worldwide Leader in Temperature Profiling



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