DATAPAQ®
A Fluke Company

Oven Tracker® XL2
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.

SmartPaq – Pre-program MemoryPaq 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.

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
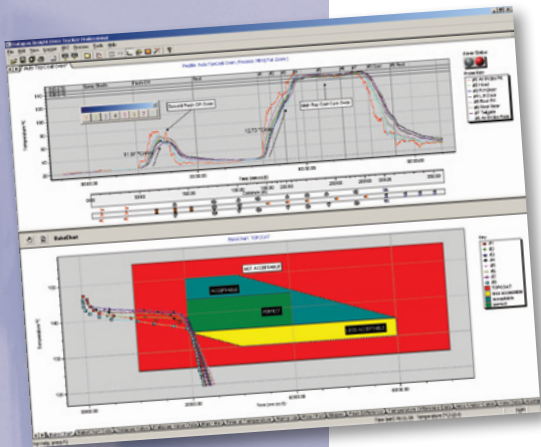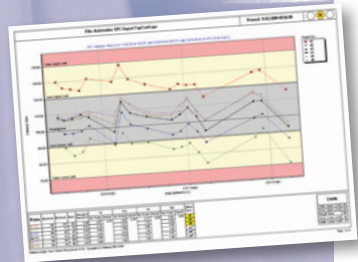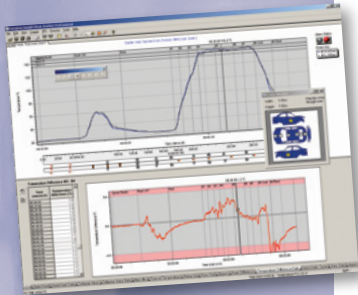
Insight Analysis Software V6.0 or later	Basic Insight	Professional Insight
Access to cut down basic software	Yes	Yes
Software customization	No	Yes
SmartPaq pass/fail set-up	Yes	Yes
Advanced security	No	Yes
Auto logger detection	Yes	Yes
Onboard calibration data	Yes	Yes
Probe Map with linked photo archive	No	Yes
Datapaq Value Wizard	Yes	Yes
Datapaq Value parameter file (.DPV)	Yes	Yes
Multi run – intelligent download	No	Yes
Logger/probe correction factors	No	Yes
SPC – extrapolation feature	No	Yes
PDF report generator	Yes	Yes
Onboard quick reference guide/animated tutorials	Yes	Yes
Onboard service diagnostics	Yes	Yes
Ramp Up Analysis tool	No	Yes
Temperature Difference Probe Tool	No	Yes

Basic Functions	Basic Insight	Professional Insight
Windows 32 (Explorer File Handling)	Yes	Yes
Selectable Probe Traces	Yes	Yes
View Temperature Data	Yes	Yes
Maximum Temperature/Time Reached	Yes	Yes
Time @ Temperature	Yes	Yes
Datapaq Value 'Index of Cure'	Standard	Advanced
Process File	Simplified (6 zones)	Full
Logger Alarms (Low Battery, Over Temperature, Invalid Data)	Yes	Yes
Calibration Expiry Warning	Yes	Yes
Oven Start Correction Manual	Auto (Time/Temp)	Auto (Time/Temp)
Probe Alignment Correction	Manual	Manual
Context Sensitive Help	Yes	Yes
Wizard Operation	Yes	Yes
Operator Mode	No	Yes

Data Analysis	Basic Insight	Professional Insight
Multiple File Handling	Yes	Yes
Import Data	Yes	Yes
Analysis Alarms	Yes	Yes
Graph Overlay	up to 3	up to 10
Tolerance Curve	No	Yes
Ideal Curve "Cure Predicition"	No	Yes
Advanced Process File	No	Yes
Advanced Analysis (Slope)	No	Yes
Advanced Analysis (Rise/Fall & Peak Difference)	Yes	Yes
Thermograph/3D Graph	Yes	Yes
BakeChart	No	Yes
ISO Cure Function 'Datapaq Value'	No	Yes
SPC	No	Yes
Paqfile Merge/Extract	No	Yes
Area Under Curve	Yes	Yes
1st Derivate	No	Yes
Virtual Probe	No	Yes
Oven Mimics	No	Yes

Data Reporting	Basic Insight	Professional Insight
Profile Report Fixed	Customizable	Customizable
SPC Report	No	Yes
BakeChart Report	No	Yes
Print Preview	Yes	Yes
Data Export	Yes	Yes
Paqfile Viewer	Yes	Yes
E-mail	Automatic	Automatic
Report Generator Wizard	No	Yes

The Worldwide Leader in Temperature Profiling
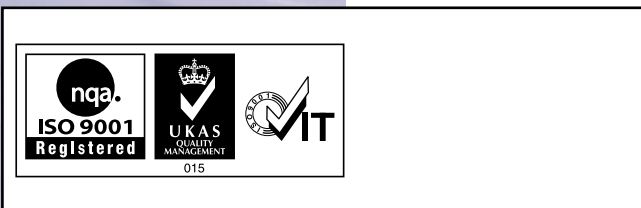
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