ElcoMaster® is the easy to use software solution designed specifically for the management and assessment of your temperature profile, allowing you to generate professional inspection reports in seconds. Features include:

High Temperature Barrier Kit
Themal barrier & heat sinks for longer time at temperature

Standard Thermal Barrier Kit
With thermal barrier - ideal for single runs

Oven Logger Set Up - Create and store unique oven profile setups, name each of the 6 channels, set sampling rates, number of batch runs, start/stop triggers and transfer them to the gauge.

Coating Parameters - Set up a library of individual paint types incorporating min, mid & max cure temperatures as well as the maximum absolute and minimum cross link temperatures.

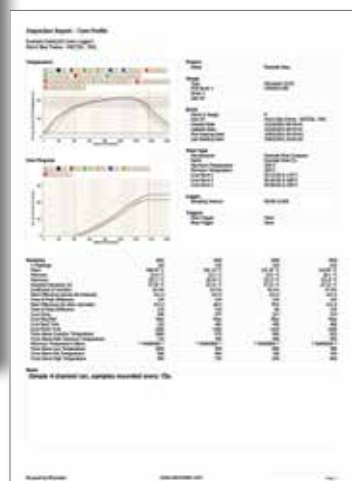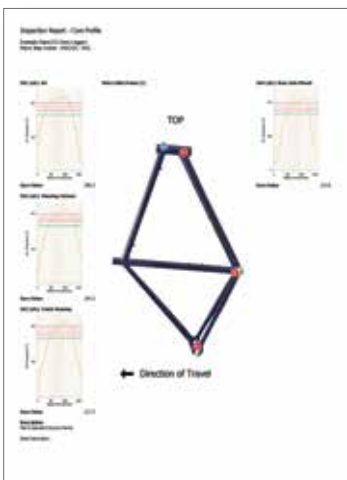**Coating Datasheets** - Save a copy of the coating's data sheet as a permanent record.

Product Probe Maps - Simply drag and drop up to 6 probe ID markers on to your product photo or drawing to record exact probe placement for each production run.

Customisable Templates - Create your own comprehensive inspection profile - simply choose a relevant gauge setup, paint parameter and product probe map from your library and assign them to your logger data, providing instant, meaningful and professional reports.

Elcometer Cure Value - Using the industry accepted cure value calculation ElcoMaster® provides instant Pass/Fail information by comparing the production run temperature to the coating supplier's cure requirements.

Graphical Reporting - Standard temperature profile graph, cure process and individual profile/cure graphs combined with the product probe map are available as standard.

Combined Reports - Fully customisable reports can be quickly generated - allowing oven profile reports to be combined with data from coating thickness, gloss & adhesion gauges.

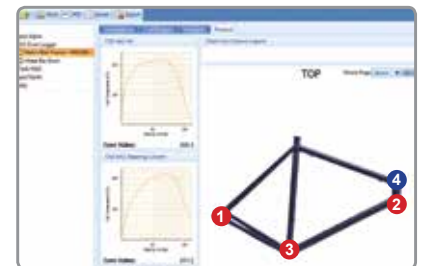### ElcoMaster® Software Oven Profiling Key Features

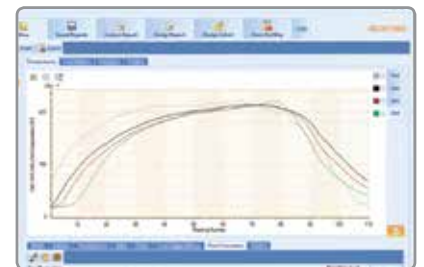|	
Oven Logger set up & programming	■
Paint/Powder parameter library	■
Product probe maps	■
Fully customisable inspection templates	■
Selectable probe/channel traces	■
Statistical analysis by probe/channel Max, Min, standard deviation, coefficient of variation	■
Temperature profile, cure progress, histogram & individual cure value graphs against product	■
Time at temperature, time of peak difference	■
Time above maximum absolute & minimum cross link temperatures	■
Fully customisable inspection reports	■
Combined reports - coating thickness, gloss, adhesion, profile, climate, surface cleanliness	■
Report generator wizard & PDF generator	■
Email or export data	■
Import photos, data sheets, critical data, inspection notes, etc & include on inspection reports	■
Cloud computing - allows for cross site collaboration, including internal text messaging tool	■
Overlay temperature profiles, review and compare multiple oven profiles over time	■
Use additional data loggers for multiple channels or run overlays	■

Create and store unique oven profile setups and transfer them to the gauge.
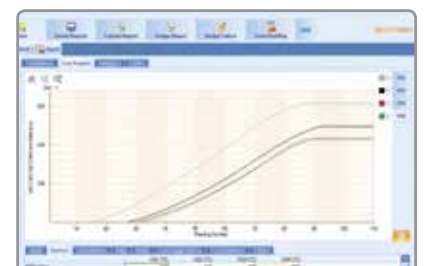

Set up a library of individual paint parameters.

Individual product probe maps record the exact probe placement for each component.

Standard temperature profile and cure process graphs can be viewed at any time.

Statistical analysis by probe/channel.