

## Oven Profiling Software

ElcoMaster™ 2.0  
data management software

ElcoMaster™ 2.0 is the fast, easy to use software solution designed specifically for the management of your oven temperature profile, storing results and generating professional inspection reports in seconds.



ElcoMaster™ 2.0 oven profile software has been designed to both provide meaningful information from raw temperature data provided by the Elcometer 215 Over Logger, and generate professional inspection reports in seconds.

ElcoMaster™ oven profiling software features include:

**Elcometer 215 Gauge 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.

**Paint 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.

**Import 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 is 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 - all at the click of a button.

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### Technical Specification

- Oven Logger set up & programming ■

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- Paint/Powder parameter library ■

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- Product probe maps ■

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- Fully customisable inspection templates ■

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- Selectable probe/channel traces ■

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- Statistical analysis by probe/channel  
Max, Min,  $\sigma$ , COV ■

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- Temperature profile, cure progress, histogram &  
individual cure value graphs against product ■

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- Time at temperature, time of peak difference ■

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- Time above maximum absolute & minimum  
cross link temperatures ■

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- Fully customisable inspection reports ■

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- Combined reports - coating thickness, gloss, adhesion,  
profile, climate, surface cleanliness ■

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- Report generator wizard & PDF generator ■

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- Email or export data ■

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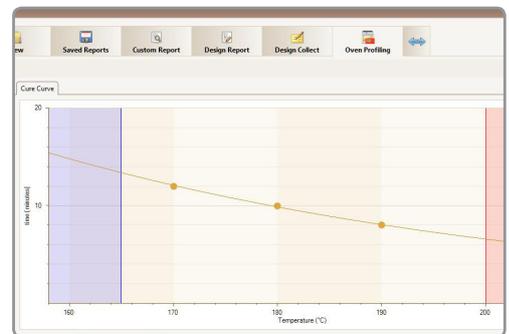
- Import photo's, data sheets, critical data, inspection  
notes, etc & include on inspection reports ■

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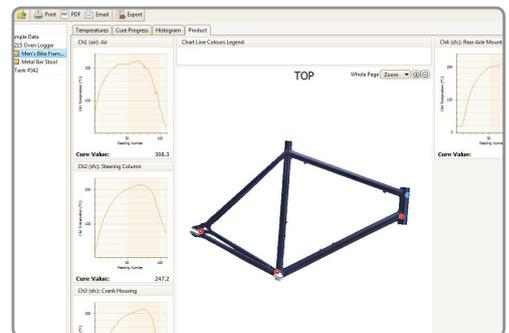
- Cloud computing - allows for cross site collaboration,  
including internal text messaging tool ■



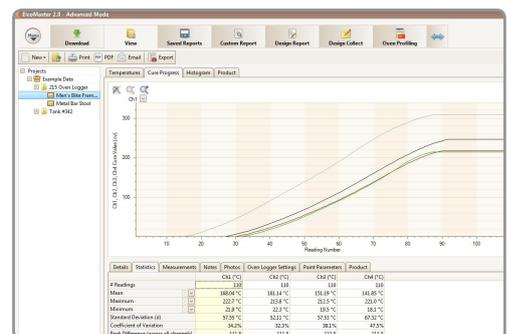
Create and store unique oven profile setups and transfer them to the gauge.



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.