

Thermolan® offers the possibility to control the manufacturing process of Compact Graphite Cast Iron (CGI) using a single quick cup.

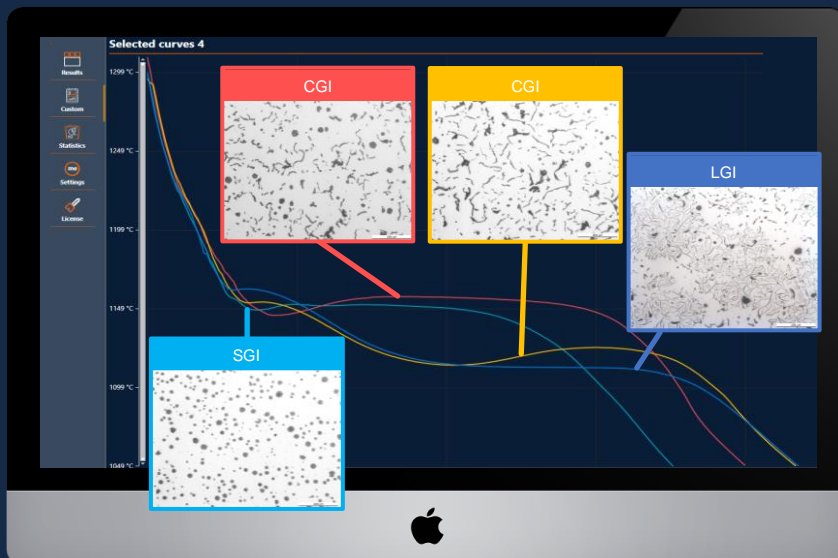
- Control method compatible with different magnesium treatments.
- Determination in real time whether the free Mg content of the melt is in a proper range to obtain CGI.
- Extrapolation of the results to the different areas of the casting, as a function of the section size.



The PRODUCTION TOOL

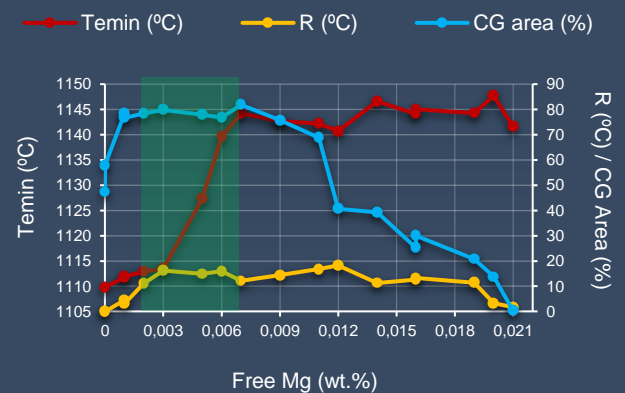
Thermolan® software CGI module in few seconds:

- Informs if melt fulfills the conditions for parts production.
- Predicts the outcome of the production.



The SCIENCE behind

- Relating Mg content with thermal analysis parameters.
- Identifying ideal pouring range.



Allowed to pour according to the procedure



Ensure the quality of every melt



Improve process efficiency & performance



Manufacture high quality products