

MeltLab Systems – Press Release Nov 25th 2008

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For immediate release:

Ductile Iron micro-analysis by thermal analysis

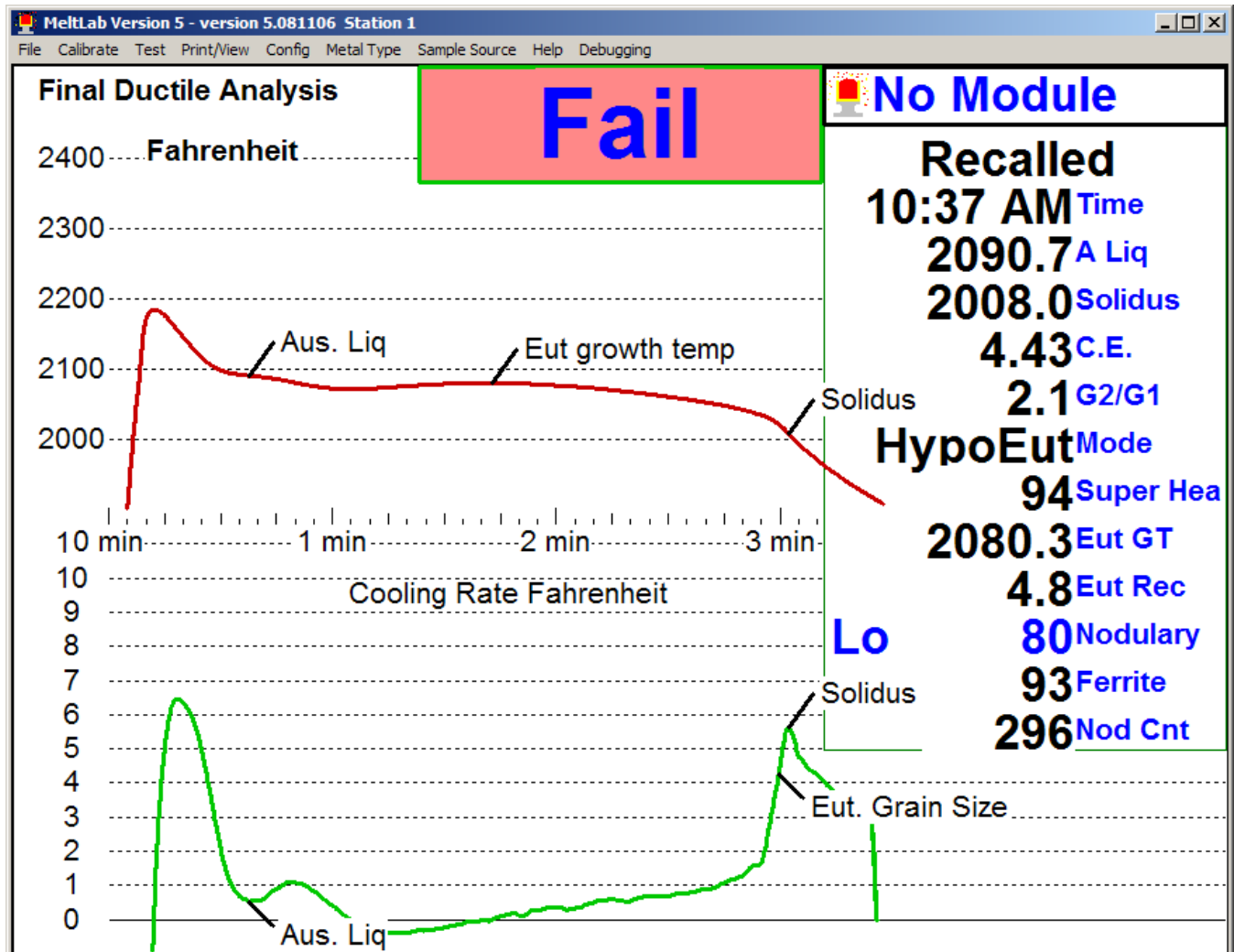
MeltLab Systems is pleased to announce the release of a new module in their thermal analysis system that measures and tracks many features now analyzed by time consuming micro-analysis.

Fully treated and inoculated ductile iron is poured into an industrial standard non-tellurium thermal analysis cup, and the curve is analyzed in real time as the iron solidifies. Results include nodularity, nodule count, chemical ferrite (*as opposed to loss of ferrite caused by insufficient cooling*), carbides, and shrinkage. The system not only includes the eutectic times G1 and G2 and their ratio, but also determines if the curve is hypo-eutectic, eutectic, or hyper-eutectic. A pass/fail graphic alerts operators on the nodularity status of each sample.

This system is compatible with the same hardware as previous versions of MeltLab, as well as newer systems running Windows XP. Pricing, including MeltLab converter box, starts at \$16,000 - but through Tax Day 2009, the price is reduced \$2,000! Using an existing MeltLab converter box will reduce costs even further.

For more information regarding system functions and capabilities, visit our web site at www.meltlab.com or call (765) 521-3181. To request a demonstration or quotation, contact us by e-mail at info@meltlab.com.

{Screen shot}



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