

For more information on this product and on our complete package of solutions

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PRODUCT

Ferrolab® IV

Digital indicator for cast iron thermal analysis

- Exportation and Visualization of the cooling trace
- Perfectly designed for the foundry environment
- Accurate control of the chemical composition
- Control of undercooling and recalescence for metal nucleation analysis

Ferrolab® IV – Digital Indicator Cast Iron Thermal Analysis

Ferrolab® IV System Benefits

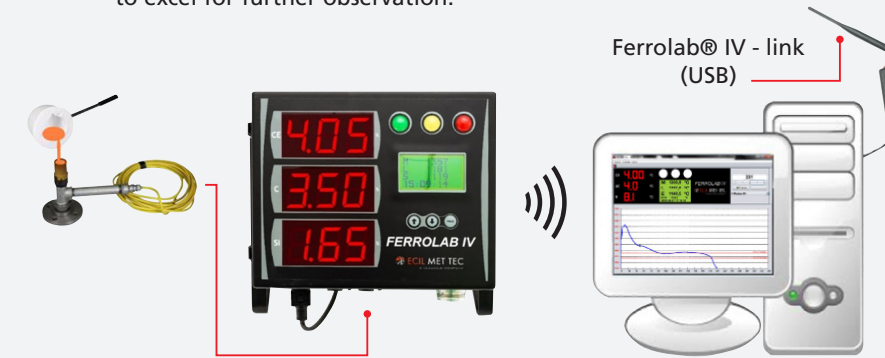
- Exportation and Visualization of the cooling trace
- Robust and perfectly designed for the foundry environment
- Accurate control of the chemical composition (%CE, %C and %Si)
- Control of undercooling and recalescence for metal nucleation analysis

Function KT or K

- Use KT operating mode (cup with addition of tellurium) for metastable solidification, forming white iron in the cup and predicting %CE, %C and %Si;
- Use K operating mode (cup without tellurium) for stable solidification, forming grey iron and measuring recalescence and undercooling to control the degree of nucleation of cast iron baths.

The Measurement System Ferrolab® IV

- The Measurement System Ferrolab® IV allows transmission of the measured data to a laptop or desktop computer, providing a history of all measured data and also online visualization of the iron cooling curve in a dedicated software. The data and traces are also very quickly exported to excel for further observation.



Installation Information

- Automatic Selection 90 up to 240V
- Operating Temperature: -10 to 55° C (14 to 131° F)
- Dimensions: 270 x 220 x 110mm (10,6 x 8,7 x 4,3 inches)

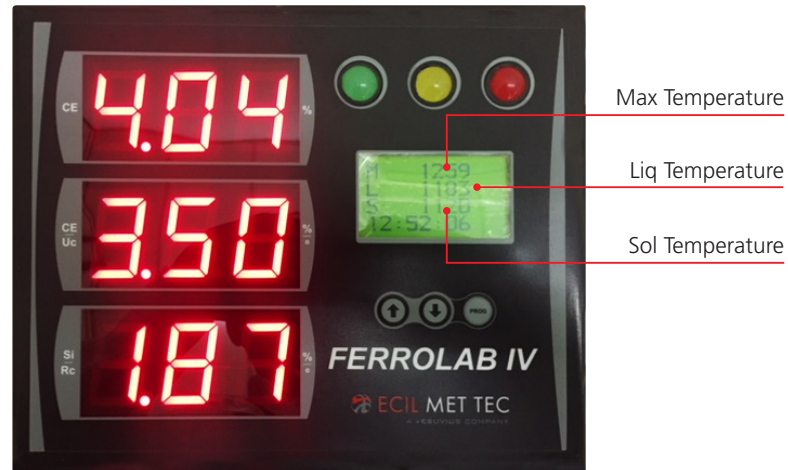
System Outputs

- Outputs for remote signal lights, displays, printer;
- Serial 232C and Ethernet (Optional) communication.

Compatibility

The Ferrolab IV System is compatible with the 2 worldwide standards for disposable cups (Round and Square)

KT Operation Mode



K Operation Mode

