



Minkon Mincarb 2 – Thermal Analysis

The M-CARB was developed as a functional instrument able to be configured to suit the foundry needs for quality control of molten metal. Along with the function to obtain accurate the Carbon / Silicon content, the M-CARB presents the cooling curve of the metal. The use of next-generation hardware, coupled with the use of the derivative of the curve, the unit offers precision and repeatability.



The M-CARB is a standalone device allowing it to be placed in a suitable place for measurement without the need for ancillary devices such as PC's / Displays etc.

A feature of the M-CARB is the ability to define a specific factors and offsets for numerous metal types which gives control to the operator to define specific actions for each result.

The instrument has 4 independent inputs that can be configured in any of the following ways:

- MINICARB Mode: Temp. Liq., Temp Sol., %CE, C, %Si in less than 1 minute.
- CARBON Mode: Temp Liq., Temp Sol., %CE, C, %Si in conventional method.
- MICROSTRUCTURE Mode: Temp applies, %CE, TSE, TRE, REC, DeltaRec, end of solidification.
- LANCE Mode: Immersion thermocouple temperature curve.

Technical Specification

Display – 10.4" Touch screen

Input – Type K, R and S

Case – Steel IP64

- 160x330x320 mm (LxWxH)

Weight: 5.7 Kg