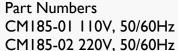
CM185 - Surface Carbon Analyzer

By Combustion and Coulometric Detection

Applications include: cold-rolled steel, zinc plated steel, stainless steel, aluminum, copper, titanium, and surface mount components.

The CM185 Surface Carbon Analyzer is a complete analytical system capable of measuring surface carbon solid samples. Combining a high- temperature combustion furnace with automated boat inlet (ABI) and a highly sensitive CO₂ detector, the CM185 offers the flexibility to analyze almost any solid sample type and concentration with a precision unmatched by other analytical techniques. The CM185 system includes the following components listed below and pictured here.





CM5018 CO₂ Coulometer

No user calibration Wide, linear dynamic range Readability to 0.01 µg Carbon Modern Windows-Based Interface Storage on Hard drive of PC LIMS Compatible

CM5300 Horizontal Furnace

Programmable up to 1100° C
Pre-combustion scrubbers for
removal of interferences from
oxygen carrier gas
Post-combustion scrubbers for
removal of interfering gases
formed during sample combustion

CM5390 Automated Boat Inlet features:

- Improved Sample Introduction
- Solid or Liquid Samples
- Eliminates Ladle Breakage
- Controlled Sample Handling



For more information contact UIC Europe www.uic-europe.com

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