

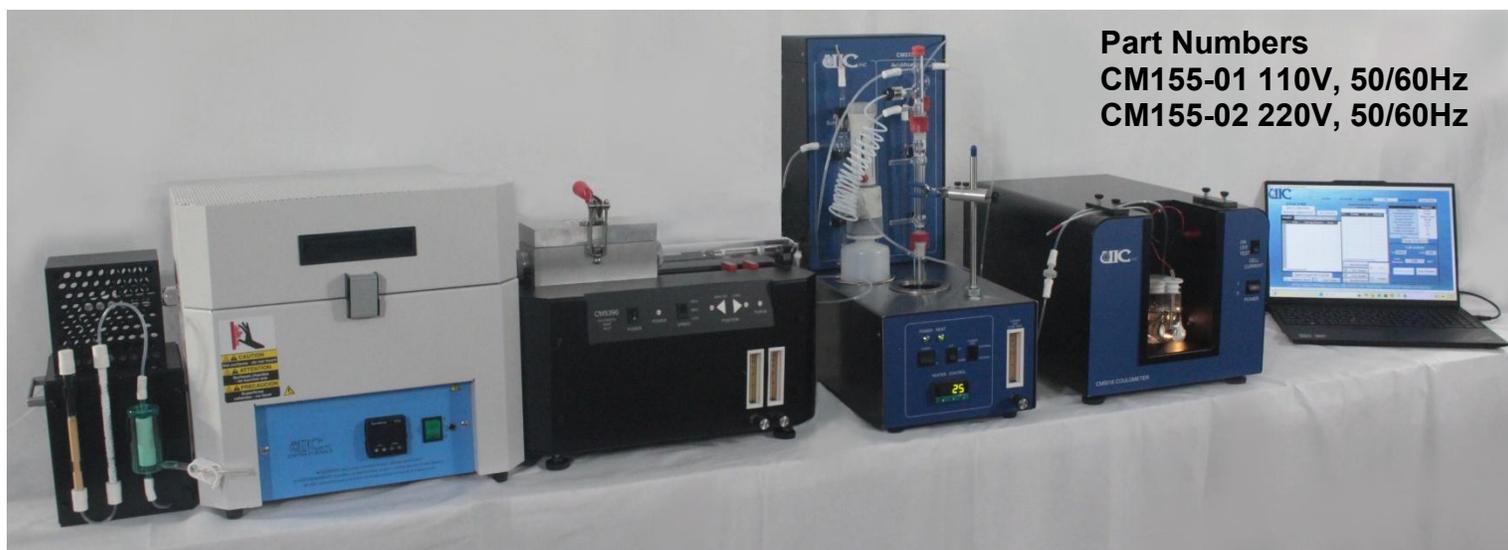
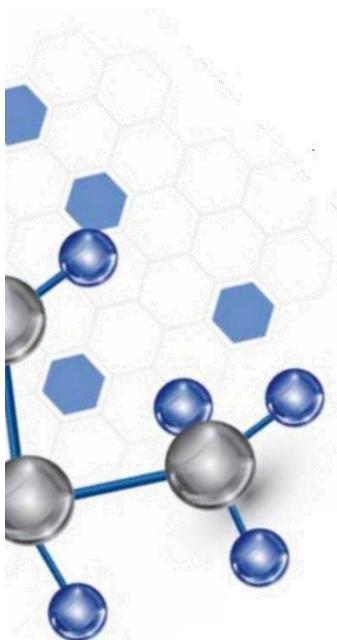
CM155 –Total Carbon (TC), Total Organic Carbon (TOC), and Total Inorganic Carbon (TIC) Analyzer

By Combustion, Acidification and Coulometric Detection

Applications include: Pharmaceuticals, sea water, amines and hydrazines, black liquors, food, soils, sediments, geological materials, sludges, sulfur, liquids containing particulates, water and wastewater, brines, process fluids, corrosive agents and acids.

CONFORMS TO ASTM D513 and ASTM D4129

The CM155 Total Carbon Analyzer is a complete analytical system capable of measuring total carbon, total organic carbon and total inorganic carbon in solid and/or liquid samples. Combining a high- temperature combustion furnace with automated boat inlet (ABI), self-contained acidification module, and a highly sensitive CO₂ detector, the CM155 offers the flexibility to analyze almost any sample type and concentration with a precision unmatched by other analytical techniques. The CM155 system includes the following components listed below and pictured here.



Part Numbers

CM155-01 110V, 50/60Hz

CM155-02 220V, 50/60Hz

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

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

CM5330 Acidification Module

- 10-, 25-, 50- or 100-ml reaction vessels
- Selectable volume acid dispenser
- Internal air pump with flow controller
- Controlled sample heating and stirring
- Pre-acidification scrubber for removal of CO₂ from carrier gas



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

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