

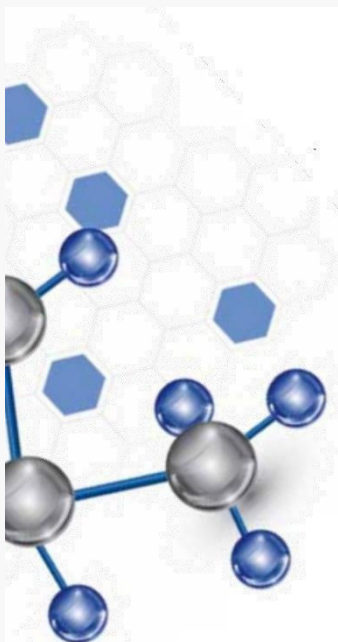
CM120 –Total Carbon (TC) / Total Organic Carbon (TOC) Analyzer

By Combustion and Coulometric Detection

Applications include: Pharmaceuticals, food, soils, sediments, geological materials, sludges, sulfur, liquids containing particulates, corrosive agents and acids.

CONFORMS TO ASTM D 4129

The CM120 Total Carbon Analyzer is a complete analytical system capable of measuring total carbon and total organic carbon in solid samples. Combining a high- temperature combustion furnace with a highly sensitive CO₂ detector, the CM120 offers the flexibility to analyze almost any solid sample type and concentration with a precision unmatched by other analytical techniques. The CM120 system includes the following components listed below and pictured here.



Part Numbers
CM120-01 110V, 50/60Hz
CM120-02 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

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



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

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