

# CM220 – Total Carbon (TC) and Total Organic Carbon (TOC) Autosampler Analyzer for Solids

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 CM220 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 autosampler with a highly sensitive CO<sub>2</sub> detector, the CM220 offers the flexibility to analyze almost any solid sample type and concentration with a precision unmatched by other analytical techniques. CM220 is capable of analyzing samples containing total carbon concentrations from ppm levels to 100% without user calibration.

### Part Numbers

CM220-01 110V, 50/60Hz

CM220-02 220V, 50/60Hz



### CM5018 CO<sub>2</sub> 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

### CM5200 Autosampler Furnace Module

- Two independent combustion zones programmable up to 1100°C
- 29-position sample carousel
- Post-combustion scrubbers for removal of interfering gases formed during sample combustion



For more information contact UIC Europe [www.uic-europe.com](http://www.uic-europe.com)

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