

CMI35 –Total Carbon (TC) / Total Organic Carbon (TOC) Analyzer

By Combustion and Coulometric Detection

Applications include acids, brines, corrosive agents, food, geological materials, liquids containing particulates, pharmaceuticals, process fluids, sediments, sludges, soils, sulfur, wastewater, and water.

CONFORMS TO ASTM D 4129

The CMI35 Total Carbon Analyzer is a complete analytical system capable of measuring total carbon and total organic carbon in solid and aqueous samples. Combining a high-temperature combustion furnace with a highly sensitive CO₂ detector, the CMI35 offers the flexibility to analyze almost any liquid sample type and concentration with a precision unmatched by other analytical techniques. The CMI35 system includes the following components listed below and pictured here.

Part Numbers

CMI35-01 110V, 50/60Hz

CMI35-02 220V, 50/60Hz



CM5017 CO₂ Coulometer

- No user calibration
- Wide, linear dynamic range
- Readability to 0.01 µg Carbon
- User selectable display units
- 12.1" fast-responding touch screen
- USB Flash Drive storage
- 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



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