

Multi-Operational Dissolved Inorganic Carbon (DIC) Automated Analyzer



CM260 is a multi-operational dissolved inorganic carbon (DIC) analyzer that combines a CM5018O Coulometer and CM5260 MODICA, which is a multi-sample and multi-detector capable instrument for dissolved inorganic carbon (DIC), with built-in salinity probe and optional pH probe, for measurements in aqueous solutions (seawater, fresh water, etc.).

CM260 System provides high precision, multi-sample batch processing capability (thermostatic sample chamber can hold up to 10 samples per run) or continuous underway capability achieved by feeding underway sample directly to the instrument, using predefined routines according to sample types. Predefined steps such as blank run, certified reference material (CRM) run, sample measurement, and waste dump can be easily configured, saved, and loaded. Multiple readings can be obtained from the same sample.

Optional pH channel. As an add-on option, CM5260 MODICA can incorporate a pH channel based on spectrophotometry, using mCP indicator.

CM260 System also includes integrated pure CO₂ calibration hardware which gives users additional tools to evaluate instrument performance by measuring CO₂ from calibrated CO₂ loops in addition to CRM. CO₂ calibration includes two CO₂ loops to cover the full DIC range that users generally encounter.

CM260 – Multifunctional DIC Automated Analyzer includes:
CM5018O Coulometer and CM5260 MODICA

Part Numbers:

CM260-01 110V, 50/60Hz

CM260-02 220V, 50/60Hz