CM740

Dual Carbon/Sulfur Analyzer

By Acidification and Coulometric Detection

The CM740 Dual Analyzer is a complete analytical system allowing the direct measurement of inorganic carbon and total sulfite, SO_2/H_2S, typically utilized for the analysis of amine solutions which are used to remove environmentally controlled emissions from flue gases. CM740 measures the amount of carbon dioxide (CO_2) and the amount of hydrogen sulfide (H_2S) in scrubbing solutions. This result is used along with other analyses to determine the amine scrubbing solution's efficiency and remaining capacity. The CM740 system is composed of a CM5016 Dual Carbon/Sulfur Coulometer and a CM5330 Acidification Module. Since the coulometric efficiency is 100 percent, sample calibration is not necessary. The linear range and accuracy of the coulometric technique exceeds that obtained by other detection methods. UIC's analyzers are rugged, accurate and adaptable to most applications. They are used extensively in industrial, research and educational laboratories worldwide.

The CM740 system includes the following components pictured above:
CM5016 Dual C/S Coulometer
CM5330 Acidification Module with tools and accessories for analysis of solid or liquid samples.
CM5131 (10 ml), CM5132 (25ml), CM5133 (50ml), or CM5134 (100ml) Sample Introduction Kit.

Data Handling

Names, weights, and sizes of up to 50 samples can be entered, to be used by the CM5016 in calculating the final result. Analytical progress is displayed on the touch screen in user-selectable units. Detailed analysis information is automatically saved to an on-board memory stick after each sample.

Ordering Information

CM740 – Total Sulfite, SO_2/H_2S Autosampler Analyzer Includes:
CM5016 Dual C/S Coulometer and CM5330 Acidification Unit with tools and accessories for analysis of solid or liquid samples. (P/N CM740-01 110V 50/60Hz) (P/N CM740-02 220V, 50/60Hz)

Optional Equipment
Printer – 3" format impact printer; includes cable, power supply, paper and ribbon. (P/N CM124-078)

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

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