

T.O.C. Analyser SSM-5000A Solid sample combustion unit



Combining the SSM-5000A with a TOC-Vcs/CP analyzer permits analysis of many solid samples in addition aqueous samples, including soil, sludge, and sediments. Carbon measurement in attached residues using the swab method can be conducted for cleaning validation.

Features

Analysis of 1 g samples with up to 30 mg carbon content reduces weighing errors or errors due to the uneven distribution of the sample carbon content.

The use of unique tandem measurement cells, combining a long cell to measure aqueous samples and a short cell for solid samples, permits a single TOC analyzer unit to handle a range from several 10 ppb TOC in ultrapure water to several 10% TOC in solid samples.

Measurement of inorganic carbon (carbonate) in solid samples is also easy.

Aqueous samples containing large amounts of suspended matter can be analyzed by inputting the sample in a sample boat.

Switching between TOC-Vcs/CP analysis of aqueous samples and SSM-5000A measurements of solid samples is achieved by simple screen settings.

The SSM-5000A can be attached to a TOC-Vcs/CP unit with Autosampler installed. (Automatic measurement of solid samples is not possible.)