

CM5700B TIC Autosampler

Introducing our **New Autosampler** for Total Inorganic Carbon measurements!



Applications include:

- Amine Solutions
- Groundwater, Wastewater
- Ocean Sediments, Seawater
- Soil, Clay
- Geological Materials
- Gas Scrubbing Solutions
- Boron Carbide, Silica Carbide
- Building Materials, Cement
- Pharmaceuticals

CM5700B Autosampler features the following:

- 15-position carousel with 80 ml flasks or 30-position carousel with 20 ml flasks
- For solid and liquid samples
- Optional stirring and controlled sample heating up to 150 °C
- Built in self-cleaning
- Solid pre-scrubber for CO₂ removal from the gas stream
- Post-scrubber for removal of interfering gases released during sample digestion
- CM5700B is interfaced with our CM5017 Coulometer

Sample Type	Replicate	Weight, mg	Measured TIC, µg	TIC Conc., %
Wolfram Carbide	1	282,70	17365,69	6,149
	2	236,40	14543,32	6,148
	3	291,40	17921,09	6,146
Cement	1	103,70	3337,24	3,21
	2	127,70	4087,61	3,20
	3	115,00	3698,83	3,21
Limestone	1	29,30	3001,64	10,226
	2	35,40	3628,25	10,234
	3	35,90	3679,41	10,234
Sample Type	Replicate	Volume, ml	Measured TIC, µg	TIC Conc., g/L
Algae culture	1	1,00	2529,88	2,53
	2	1,00	2532,62	2,53
	3	1,00	2522,90	2,52
Sample Type	Replicate	Weight, mg	Measured CO ₂ , µg	CO ₂ Conc., %
Amine	1	115,03	149,71	1,29
	2	112,65	154,95	1,36
	3	95,18	130,39	1,36

Download Application Note

上海办事处：
 佰赫科学仪器（上海）有限公司
 Tel: 17740897403 (微信同号)
www.bihec.com/uic-cm140