

SPECIATION COLLECTION CARTRIDGE

CHEMCOMB 3500

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The Thermo Scientific™ ChemComb 3500 Speciation Collection Cartridge collects gases and particulate matter for laboratory analysis. This flexible sampling device is made up of a single cartridge, which contains a well-characterized inlet with a PM-2.5 or PM-10 impactor; up to two honeycomb denuders for the removal or collection of selected gases and a four-stage 47mm filter pack for the collection of particle-related components.



APPLICATIONS

- Environment



BENEFITS

- ⊕ Field-proven sampling system characterized by Harvard and UMEG
- ⊕ Configurations for collecting inorganic and organic gases and particles
- ⊕ Compact, flexible design facilitates transport and handling, sample integrity
- ⊕ Honeycomb materials partition gases and particles, scrub ozone and acid gases; PUF/XAD unit for organic gases
- ⊕ Sealed to prevent contamination after sampling

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SPECIFICATIONS

FLOW RATE	- PM-2.5 inlets: 10 and 16.7 lpm - PM-10 inlets: 10 lpm.
DIAMETER	Outer 7.49cm/9.68cm (without clips/with clips)
DIMENSIONS	- Length: 28.27cm (from inlet to end of 0.25 in. connector) - Weight: 1.23kg (with empty denuder section)/1.45kg (fully equipped with two denuders)



ECOMESURE

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