



Short Path™ Thermal Desorption

Short Path™ Thermal Desorption System	C1-C5	Cryo-Trap, AutoDesorb™	C25
AutoDesorb™	C6-C11	COMTRAP	C26
Desorption Tubes	C12	Purge & Trap	C27-C32
Packed Desorption Tubes	C13	Accessories	C33
Needles and Seals	C14-C15	Air Flow Calibrator	C34-C35
AutoDesorb™ Needles, Seals and Connecting Tubes	C15	Air Sampling Pump	C36
Adsorbents, Tenax	C16-C17	Injection Port Liners	C37
Conditioning Oven, 6 Tube	C18	Literature	C38-C39
Conditioning Oven, 24 Tube	C19	Technical Support	C40
Fittings	C20	Tenax™ Breakthrough Volume Chart	C41
Sample Chamber	C21	Applications	C42-C46
Sample Collection Oven	C22-C23		
GC Cryo-Trap, TD5	C24		

The technique or type of samples being analyzed determines the accessories required as outlined below:

Technique	Type of Samples Analyzed	Applications Page	Equipment Needed	Page
Direct Thermal Extraction of Solid Samples	Low moisture content solid samples, 1-500 mg samples for volatiles and semi-volatiles	C43, C44	Short Path Thermal Desorption	C2-C11
			Conditioning Oven	C18-C19
Air Sampling	Environmental Air Testing for Volatiles. Indoor & Outdoor air testing	C46	Short Path Thermal Desorption	C2-C11
			Conditioning Oven	C18-C19
			Air Sampling Pump	C36
Dynamic Head-Space Purging	Volatile emissions from large solid or liquid samples, such as Vegetation, Arson Analysis, Flowers & Growing Plants	C46	Short Path Thermal Desorption	C2-C11
			Conditioning Oven	C18-C19
			Wheaton Purge & Trap	C31
Purge & Trap of Liquids	Purge Volatiles from water, beverages and other liquid samples	C45	Short Path Thermal Desorption	C2-C11
			Conditioning Oven	C18-C19
			Purge & Trap System	C26-C31
Purge & Trap of Solid Samples	Purge Volatiles from 1 to 25 gram solid samples	C44	Short Path Thermal Desorption	C2-C11
			Conditioning Oven	C18-C19
			Purge & Trap System	C26-C31
			or Sample Collection System	
Direct Loading of Liquid Samples	Internal standards for quantification of small liquid samples		Desorption Tube Injector	C32
Cryo-Trapping of T. D. Samples	Thermal Desorption and headspace samples		GC Cryo-Trap for Model TD-4	C24-C25
			Thermal Desorber	