

Air Monitoring Thermal Desorption Tubes

Thermal Desorption Tubes for DYNATHERM Instruments

Supelco offers a complete line of both prepacked and empty tubes for the DYNATHERM Thermal Desorbers. Each tube is individually numbered, thermally conditioned, and batch tested for back-pressure and background. The prepacked Standard Sampling Tubes are sealed in our exclusive TDS storage containers and the Fast-Flow Tubes are sealed with Swagelok fittings. All of the prepacked sampling tubes incorporate a glass frit at the inlet, which increases their performance. The Focusing Tubes are used to refocus the sample for better chromatography of the early eluting compounds.

DYNATHERM Standard Sampling Tubes

Fits: Models 850 / 890 TDU and ACEM-900 and MTDU.

TUBE	QTY	CAT. NO.	PRICE
6mm OD x 4.5" Long, 4mm ID			
Cabotrap 100	1	20872	
Cabotrap 150	1	20381	
Carbotrap 200	1	20873	
Carbotrap 217	1	20895-U	
Carbotrap 300	1	20875	
Carbotrap 302	1	20356	
Carbotrap 317	1	20877	
Carbotrap 349	1	20243	
Carbotrap 400	1	20882	
Tenax TA	1	20896-U	
Empty fritted tubes	3	20380-U	
Empty non-fritted tubes	5	20235-U	

Note: Tubes listed above also fit the OI Analytical Air Tube Desorber or DMP-16.

DYNATHERM Fast-Flow Sampling Tubes

These tubes have a 7mm ID that allow faster flow rates to pass through the tubes while sampling. Fits only ACEM-900 and MTDU equipped with the fast-flow option ("FF" designation). Sealed using Swagelok fittings.

TUBE	QTY	CAT. NO.	PRICE
10mm OD x 4.5" Long (6mm OD Ends) 7mm ID			
Carbotrap 217	1	20724	
Carbotrap 317	1	20881	
Tenax TA	1	20894	
Empty fritted FF Tube	1	20893-U	

DYNATHERM Focusing Tubes

TUBE	QTY	CAT. NO.	PRICE
FITS: MODEL 850 / 890 TDU			
6mm OD x 4.5" Long 2mm ID			
Carbotrap 200	1	20244	
Carbotrap 300	1	20382	
Carbotrap 370	1	20373	
Empty tube w/taper	3	20386	
Empty tube straight bore	5	20237	
6mm OD x 4.5" Long 1mm ID			
Carbotrap 201	1	20361	
Carbotrap 301	1	20354	
Empty tube w/taper	3	20385	
FITS: ACEM-900			
6mm OD x 7.25" Long 1mm ID			
Carbotrap 201	1	20865	
Empty tube w/taper	1	20892-U	



Tube Conditioning Units

These units allow you to re-condition your DYNATHERM Standard Tubes (6mm OD x 11.5cm long)

DESCRIPTION	CAT. NO.	PRICE
Single-Tube Conditioning Unit, 115 VAC	22832	
Six-Tube Conditioning Unit, 115 VAC	22833	



VOST Stack Sampling Tubes

VOST Tubes (Volatile Organic Sampling Train) are designed to meet the specifications in US EPA SW-846, Method 0030. Each tube is individually numbered, pre-conditioned, and sealed with stainless steel Swagelok fitting before being placed in a glass storage container. Each lot is tested for background and backpressure. 16mm OD x 5" Long (1/4" OD Ends)

TUBE	QTY	CAT. NO.	PRICE
VOST 100			
Tenax TA 35/60 mesh	1	20074-U	
VOST 200			
Tenax TA:Petroleum Charcoal, 2:1	1	20075-U	
Empty VOST Tube	1	21993	
VOST Storage Container (Screw Cap Glass)	1	21998	

Order: 1.800.325.3010 Technical Service: 1.800.359.3041 Web: www.sigma-aldrich.com/supelco

Sample
Preparation

SUPELCO