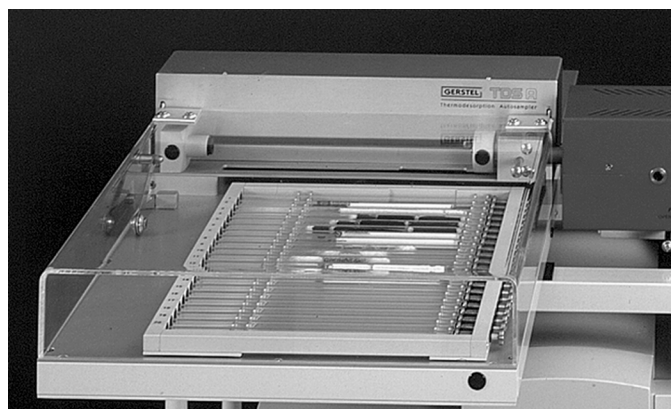


## Product Information

### Thermal Desorption Tubes for GERSTEL® Analytical Equipment

Supelco is providing its unique air sampling adsorbents in a comprehensive selection of adsorbent tubes for GERSTEL's model TDS2/TDSA instrument. These tubes offer superior performance for trapping and thermally desorbing organic compounds.

Supelco provides tubes manufactured to close tolerances to ensure consistent performance from lot to lot. The adsorbents retain desired compounds effectively, then release them quickly, and completely during thermal desorption. We offer tubes packed with a single bed of adsorbent, or with multiple beds of various adsorbents, designed to collect molecules of a broad range of sizes. Many of the adsorbents we use are available nowhere else. In addition to the tubes listed here, we provide custom thermal desorption tubes.



E000840

#### Thermal Desorption Tubes for GERSTEL TDS2/TDSA

All tubes are 17.8cm length x 6mm OD x 4mm ID. All tubes are pre-conditioned and then sealed in our TDS<sup>3</sup> storage container.

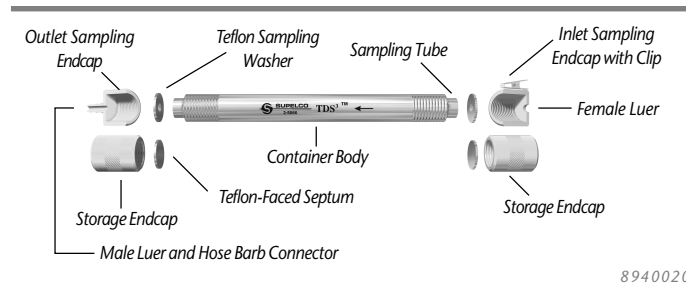
Packing	Surface Area	Bed Length*	Qty.	Glass Cat. No.	Stainless Steel Cat. No.
Tenax™ TA	35m <sup>2</sup> /g	60mm	1	28281-U	28271-U
Tenax GR	22m <sup>2</sup> /g	60mm	1	28282-U	28272-U
Carbotrap™ 300 Multi Bed			1	28283-U	28273-U
1. Carbosieve™ S-III**	820m <sup>2</sup> /g	13mm			
2. Carbotrap B	100m <sup>2</sup> /g	25mm			
3. Carbotrap C	10m <sup>2</sup> /g	13mm			
Carbosieve S-III	820m <sup>2</sup> /g	60mm	1	28284-U	28274-U
Chromosorb™ 106	700-800m <sup>2</sup> /g	60mm	1	28285-U	28275-U

\*Glass tubes are packed by bed length; stainless steel tubes are packed by bed weight

\*\*German Pat. No. 1935500. Patent holder – Badische Anilin- & Soda-Fabrik Aktiengesellschaft.

#### TDS<sup>3</sup> Storage and Sampling Container for Thermal Desorption Tubes

Our TDS<sup>3</sup> storage container holds the thermal desorption tube in a hard polymer shell – there is virtually no chance the tube will break during shipping and handling. The storage endcaps can be removed and replaced with sampling endcaps, allowing you to easily attach the container to a personal sampling pump, through the hose barb connection on the outlet endcap. The inlet cap clips to your label.



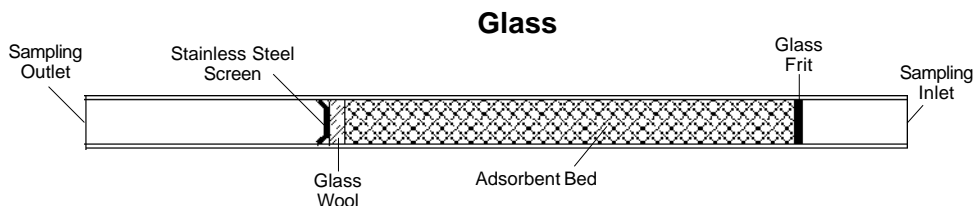
8940020

#### Ordering Information:

Description	Qty.	Cat. No.
<b>Accessories for GERSTEL Tubes</b>		
Empty Stainless Steel Tube with Stainless Steel Screens	1	28276-U
Empty Glass Tube with Glass Frit	1	28286-U
Empty Glass Tube, no Frit	1	28287-U
Replacement Screens, Stainless Steel	10	28277-U
<b>Accessories for TDS<sup>3</sup> Storage and Sampling Container</b>		
Replacement TDS <sup>3</sup> Storage Container	1	25095-U
Replacement Seal for TDS <sup>3</sup>	50	25073
Sampling Cap Set	1	25069

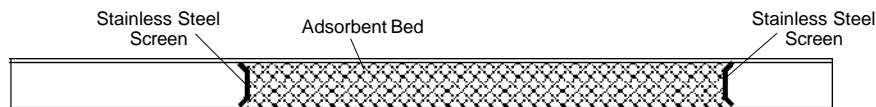
## Thermal Desorption Glass Sampling Tubes for GERSTEL TDS2/TDSA

17.8cm length x 6mm OD x 4mm ID  
Packed with either Tenax TA, Tenax GR, Carbosieve S-III, or Chromosorb 106



G001035B

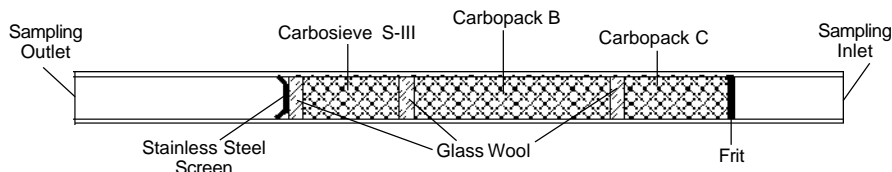
### Stainless Steel



G001321A

## Thermal Desorption Glass Sampling Tubes for GERSTEL TDS2/TDSA

17.8cm length x 6mm OD x 4mm ID Glass Tube  
Packed with Carbotrap 300



G001058B

### Trademarks

Carbosieve, Carbotrap, Supelco – Sigma-Aldrich Co.

Chromosorb – Celite Corp.

Tenax – Enka Research Institute Amhem

For more information, please see the Supelco Chromatography Products catalog or call our Technical Service Chemists (800-359-3041 or 814-359-3041).

For more information, or current prices, contact your nearest Supelco subsidiary listed below. To obtain further contact information, visit our website ([www.sigma-aldrich.com](http://www.sigma-aldrich.com)), see the Supelco catalog, or contact Supelco, Bellefonte, PA 16823-0048 USA.

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