



**HYGITEST Ltd. is a firm producing for** period of 40 years GAS detector tubes for express analyses of toxic gases and adsorbent tubes for sampling.

**HYGITEST Ltd. is leading firm** in south-east EUROPE and offers the best product, which competes in quality (**ISO 9001**) and price with the firms in the world producing this product.

**HYGITEST Ltd. tubes are sold** with success in ITALY, TURKEY, MALAYSIA, ISRAEL, NETHERLAND, ENGLAND and USA.

The GAS detector tubes are used for express determination of GAS and vapour concentrations in the air of the working and surrounding environment. **This method for determination** is very quick, easy and cheap. Before use the glass tube has to be broken off on both sides and placed in the sampling pump. In the presence of the analysed substance the tube colour changes and the length of discoloration is directly dependent on the respective concentration of the substance. The latter is read directly on the scale marked on the outside surface of the GAS detector tube. **HYGITEST Ltd.** offers a line of standard Charcoal, Silica gel and Tenax sorbent tubes for low flow adsorption sampling of toxic substances in the air.

## SORBENT TUBE

### **HYGITEST™** SORBENT TUBES

FOR LOW FLOW VAPOR AND GAS SAMPLING

**HYGITEST Association offers a line of standard Charcoal, Silica gel and Tenax sorbent tubes for low flow adsorption sampling of toxic substances in the air.**

HYGITEST™ sorbent tubes comply with all US NIOSH specifications for tube dimensions, adsorbent quality and particle size, divider composition and pore size. These tubes are designed for use in conjunction with all low flow air sampling systems and common tube holding systems.

Typically each tube is divided into two adsorbent sections. The first section is twice the size of the back section and will collect the compounds of interest. The second section is a backup section to determine if airborne contaminants breakthrough occurred on the front section.

HYGITEST™ sorbent tubes are manufactured under stringent quality control to provide:

- Physical dimensions to assure proper fit in tube holder systems
- Uniform pressure drop to assure repeatable sampling results
- Accurate sorbent weight for uniform testing results
- Highest sorbent material purity for contamination-free samples.

HYGITEST™ sorbent tubes are packaged in sturdy, molded black polyethylene boxes to resist breakage. These boxes secure tubes during transport, storage and day-to-day handling, allow easy labeling and organizing of test samples, protect against damaging light and U.V. rays. Each single box snaps shut to protect any sampled and unused tubes. Boxes contain 10 tubes each and are packed five boxes per carton (sold in 50-tube quantities). Each box of 10 tubes comes with 10 pairs of end caps for sealing after sampling.



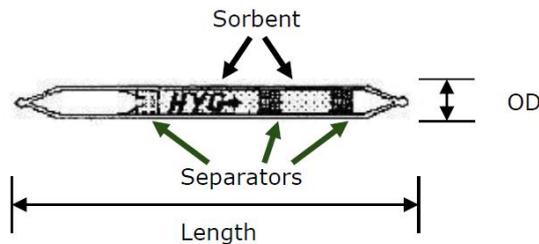
# HYGITEST™ Sorbent Tubes

Hygitest™ offers a line of standard charcoal, silica gel, XAD-7 and tenax sorbent tubes for low flow adsorption sampling of toxic substances in the air. The quality indices of sorbent tubes comply with all US NIOSH specifications for tubes dimensions, adsorbent quality and particle size, divider composition pore size. These tubes are designed for use in conjunction with all low flow air sampling systems and common tube holding systems.

Hygitest™ sorbent tubes are manufactured under stringent quality control to provide:

- Physical dimensions to assure proper fit in tube holder systems
- Uniform pressure drop to assure repeatable sampling results
- Accurate sorbent weight for uniform testing results
- Highest sorbent material purity for contamination-free samples.

Specification:



## Hygitest Sorbent Tubes Selection



CHARCOAL (COCONUT BASED) 70x6 mm  
 Catalogue # ST - CN  
**100/50 mg sorbent, 2 sections**



CHARCOAL (COCONUT BASED) 110x8 mm  
 Catalogue # ST - CB  
**400/200 mg sorbent, 2 sections**



CHARCOAL (COCONUT BASED) 110x10 mm  
 Catalogue # ST - CJ "JUMBO"  
**800/200 mg sorbent, 2 sections**



SILICA GEL 70x6 mm  
 Catalogue # ST - AN  
**150/75 mg sorbent, 2 sections**



SILICA GEL 110x8 mm  
 Catalogue # ST - AB  
**520/260 mg sorbent, 2 sections**



TENAX 70x6 mm  
 Catalogue # ST - TE  
**30/15 mg sorbent, 2 sections**



TENAX 110x8 mm  
 Catalogue # ST - TB  
**100/50 mg sorbent, 2 sections**

## Sorbent Tube

Model #	Description	Bed Wt. (mg)	Size (mm) OD x Length	Section	Separators	Qty / box
ST 01-01	Coconut Charcoal	50/100	6x70	2	FFW	50
ST 01-01W	Coconut Charcoal	50/100	6x70	2	WWW	50
ST 01-02	Coconut Charcoal	200/400	8x110	2	FWW	50
ST 01-03	Coconut Charcoal	200/800	10x110	2	FWW	50
ST 01-04-05	Coconut Charcoal   Coconut Charcoal	200   400	8x110	1   1	WW   WW	50 sets
ST 01-06	Coconut Charcoal	350 / 350 / 350	8x150	3	WWWW	50
ST 01-07	Coconut Charcoal	200/1800	10x160	2	FFW	50
ST 01-08-09	Coconut Charcoal   Coconut Charcoal	200   400	8x110	1   1	FW   FW	50 sets
ST 03-01	Chromosorb® -102	33/66	6x70	2	WWW	50
ST 03-03-03	Chromosorb-102	50   100	6x70	1	WW   WW	50 sets
ST 03-04	Chromosorb-102	100/200	8x110	2	WWW	20
ST 03-05	Chromosorb-102	50/100	8x110	2	WWW	50
ST 04-01	Chromosorb -104	37/75	6x70	2	WWW	50
ST 05-01	Chromosorb -106	37/75	6x70	2	WWW	50
ST 05-02	Chromosorb-106	50/100	7.2x70	2	WWW	50
ST 05-03	Chromosorb-106	300/600	10x150	2	WWW	10
ST 06-01	Chromosorb -108	37/75	6x70	2	WWW	50
ST 06-02	Chromosorb-108	200/400	10x110	2	WWW	50
ST 07-01	Florisil	50/100	6x70	2	WWW	50
ST 07-02	Florisil	200/400	8x110	2	WWW	50
ST 09-01	Microlite	200	6x70	1	WW	50
ST 09-02	Microlite	500	8x110	1	WW	50
ST 10-01*	Molecular Sieve (Triethanolamine)	200/400	7.2x110	2	WWW	50

ST 11-02*	Charcoal, Petroleum (Hydrobromic acid)	50/100	6x70	2	WWW	20
ST 12-01	Porapak®-N	44/88	6x70	2	WWW	50
ST 13-01	Porapak -Q	39/78	6x70	2	WWW	50
ST 13-02	Porapak -Q	75/150	6x110	2	WWW	50
ST 14-01	Porapak -R	35/70	6x70	2	WWW	50
ST 15-02-03	Porapak -T   Porapak -T	25   75	6x40	1   1	WW   WW	10 sets
ST 18-01	Silica Gel	75/150	6x70	2	FWW	50
ST 18-01-01*	Silica Gel/ Charcoal (Sodium hydroxide)	250/1250/750	10x210	3	multiple separators	50
ST 18-02	Silica Gel	260/520	8x110	2	FFW	50
ST 18-02W	Silica Gel	260/520	8x110	2	WWW	50
ST 18-03	Silica Gel	150/300	8 x 110	2	WWW	50
ST 18-04	Silica Gel	260/1040	10x110	2	FWW	50
ST 18-11	Silica Gel (Specially cleaned)	75/150	6 x 70	2	WWW	50
ST 18-12	Silica Gel (Specially cleaned)	260/520	8 x 110	2	WWW	50
ST18-13	Silica Gel (Specially cleaned)	200/400	7.2x110	2	WWGW	50
ST-18-14	Silica Gel (Specially cleaned)	200/800	10x110	2	FWW	50
ST 18-21*	Silica Gel (2, 4-Dinitrophenyl hydrazine)	150/300	6x110	2	WWW	50

ST 18-21A*	Silica Gel (2,4-Dinitrophenyl hydrazine)	150/300	6x110	2	WWW	100
ST 18-31*	Silica Gel (sulfuric acid)	100/200	6 x 70	2	WWW	50
ST 18-32*	Silica Gel (sulfuric acid)	100/200	6 x 110	2	WWW	50
ST 18-33*	Silica gel (sulfuric acid)	200/200	8x110	2	WWW	50
ST 18-34*	Silica Gel (sulfuric acid)	75/150	6x70	2	WWW	50
ST 18-35	Silica Gel	50/100	6x70	2	FWW	50
ST 20-01	Tenax®	20/40	6x70	2	FFW	50
ST 20-02	Tenax®	10/20	6x70	2	WWW	50
ST 20-03-04	Tenax®   Tenax®	17   35	6x130	1   1	WW   WW	50 sets
ST 20-05	Tenax®	50/100	8x110	2	WWW	50
ST 20-05A	Tenax®	50/100	8x110	2	WWW	10

ST 21-01	XAD -2	200/400	8x110	2	WWW	50
ST 21-02	XAD -2	40/80	7x70	2	WWW	50
ST 21-03	XAD -2	30/100	8x110	2	WWW	50
ST 21-04	XAD -2	50/100	8x110	2	WWW	50
ST 21-05	XAD -2	75/150	8x110	2	WWW	50
ST 21-11*	XAD -2 (2-Hydroxy-methyl piperidine)	75/150	6x110	2	WWW	20
ST 21-12*	XAD -2 (2-Hydroxy-methyl piperidine)	60/120	6x110	2	WWW	20
ST 21-13*	XAD-2 (2-Hydroxy-methyl piperidine)	225/450	8x110	2	WWW	20
ST 21-14*	XAD -2 (2-Hydroxy-methyl piperidine)	23/45	6x70	2	WWW	20
ST 21-31*	XAD®-2 (Octanoic acid)	50/100	6x70	2	WWW	50
ST 23-01	XAD -7	30/60	6x70	2	WWW	50
ST 23-02	XAD -7	50/100	6x110	2	WWW	50

