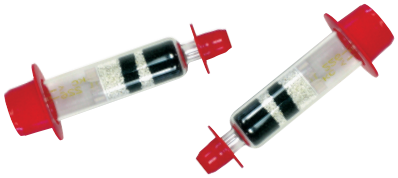
VOST Tubes for Volatile Organic Sampling Trains

Volatile organic sampling trains (VOSTs) are used when sampling for VOCs and volatile principal organic hazardous constituents (POHCs) from stationary emission sources such as hazardous waste incinerators. U.S. EPA Methods 30 and 31 each specify the use of a VOST and the low background sorbent tubes to be used within the train. SKC offers VOST Tubes that meet these specifications. SKC VOST Tubes are glass, open end, 16 mm OD x 125 mm L and are supplied with Swagelok fittings and Teflon ferrules.

Methods	Sorbent (Amount)	Cat. No.
EPA 30 EPA 31	Tenax TA (1.6 gm, 35/60 mesh)	226-134
EPA 30	Anasorb 747 (5 gm, 20/40 mesh)	226-133
Custom	Anasorb 747/ Tenax TA (5.2 gm/1.2 gm)	226-171

OVS Sample Tubes for Pesticides, Explosives, and Glycols

- Collect vapors and aerosols simultaneously
- Low backgrounds ensure sample integrity
- Meet OSHA design specifications
- Eliminate cumbersome filter and tube sampling trains



Uniquely constructed OSHA Versatile Sampler (OVS) Tubes combine sorbent and filter into one glass tube to trap aerosols and vapors simultaneously. Samples are drawn at 1 L/min with a personal sample pump. A special tube holder is used with OVS Tubes *(see ordering information)*.

Applications/Methods	Sorbent (Amount)	Filter	Cat. No.	Qty.
Pesticides — OSHA 62, 63, 67, 70, 74, CSI **Pesticides (Organophosphorus)** — NIOSH 5601 **Organotin Compounds*** — OSHA CSI	XAD-2 (140/270 mg)	Glass fiber	226-30-16 226-30-16A	10 50
Pesticides (Organophosphorus) — NIOSH 5600, 5601, 5602	XAD-2 (140/270 mg)	Quartz fiber	226-58 226-58A	10 50
Explosives (Trinitrotoluene [TNT] and Dinitrotoluene [DNT]) — OSHA 44 **Phthalate Esters** — OSHA 104 **Acrylates and Benzophenone** — Non-agency method†	Tenax (70/140 mg)	Glass fiber	226-56	10
Caprolactam Vapor — OSHA CSI **Glycols** — NIOSH 5523	XAD-7 (100/200 mg)	Glass fiber	226-57 226-57A	10 50
Accessories				
OVS Tube Holder includes fitting with durable protective cover, 0.9 meters (3 feet) of tubing, and collar clip			224-29V	ea
Multi-purpose Calibration Jar			225-111	ea

* *Methyl tin mercaptide, stannous-2-ethyl hexanoate, butyltin trichloride* † *See Non-agency Reference 39 on p. 182.*

SKC Formaldehyde Tubes

High Capacity and Low Background Levels

- Can be used for both workplace and ambient air sampling
- Available with ozone scrubber section
- Can be used with personal sample pumps
- Backup section to determine sample breakthrough
- Meet specifications of NIOSH, OSHA, EPA, and ASTM formaldehyde tube methods

Method	Sorbent (Amount)	Cat. No.	Qty.
OSHA 52 (TWA)	XAD-2 treated with 2-hydroxymethyl piperidine (75/150 mg)	226-117	20
OSHA 52 (STEL)	XAD-2 treated with 2-hydroxymethyl piperidine (23/45 mg)	226-54	20
NIOSH 2541, 2539	XAD-2 treated with 2-hydroxymethyl piperidine (60/120 mg)	226-118	20
EPA TO-11A & IP-6A, ASTM D5197, NIOSH 2016	Silica gel treated with 2,4-dinitrophenylhydrazine (DNPH) (150/300 mg)	226-119**‡ 226-119A**‡	20 100
ASTM D5197	Silica gel treated with 2,4-dinitrophenylhydrazine (DNPH) (150/300 mg) with ozone scrubber section (1500 mg potassium iodide)	226-120**‡	20

** *Not suitable for quantification of acrolein in air* ‡ *Freezer storage required*

New! SPIKES

Only SKC quality control **SPIKES** offer laboratory QC media customized to your applications without a custom price. A patent-pending precision batch spiking process, qualified laboratory verification, and rigid QC procedures ensure minimal variation and high quality control.

SKC quality control SPIKES are available with 1, 2, or 3 compounds spiked onto the sorbent. SPIKES are 6 mm OD x 70 mm L, two-section sealed glass tubes with 50/100 mg of Anasorb CSC sorbent. Other tube sizes are available.

You choose:

1 **The number of compounds (1, 2, or 3).**

2 **The compound(s).** (***see list at right***)

3 **The spike level(s).**

SKC custom quality at low prices for you. Contact SKC for details.

Contact SKC for information on SPIKES passive samplers.

Acetone
Benzene
2-Butanol
Butyl acetate
Carbon tetrachloride
Chloroform
1,2-Dichloroethane
Ethyl acetate
Ethyl benzene
Heptane
Hexane
Isopropanol
Methyl ethyl ketone
Methyl isobutyl ketone
Methylene chloride
Perchloroethylene
Toluene
1,2,2-Trichloroethane
Trichloroethylene
m-Xylene
o-Xylene
p-Xylene

Others available upon request!

SKC SPIKES — It's your choice!