

GAS SAMPLING BAG SAMPLING EQUIPMENT FOR VOC'S

The M180 VacBag Sampler System takes an integrated gas sample, in accordance with the U.S. EPA Method 18, by evacuating the stainless steel airtight container fitted with a gas sampling bag, preventing the gas sample from coming into contact with the sample pump. The TBE Enclosures come standard with clear Lexan® lid, a 1/4" valved female quick connect and a 1/4" male quick connect.

SK-M180-6G

SK-M180-6G-V

Kit includes

- 6 gallon airtight stainless steel enclosure
- 3 Gas sampling bags
- Sample pump
- PFA tubing
- Stainless steel unions and tubing
- 1/4" Quick connects
- Squeeze bulb pump
- Black rubber tubing
- 4 and 10 gallon enclosures also available



TEDLAR AND MULTI-LAYER FOIL GAS SAMPLING BAGS

Gas Sampling Bags are the first choice for collecting a variety of gaseous compounds. Gas Sampling bags are referenced for many U.S. EPA Methods including 3, 18 and 0040. Bags fabricated from film are inert to most gases, resist gas permeation and can be reused for most applications after proper cleaning. The bags are flexible and strong. The use of a rigid container ensures a longer life and convenience during transporting. Gas Sampling bags are fabricated from transparent 2ml film or can be special ordered fabricated from opaque black for photosensitive compounds. Custom sizes available upon request.

Recommended Gas Sampling Bag Configurations

Part Number	Description
TB-6-P	TEDLAR Sampling Bag, 6 x 6 inch, 0.6 liter with Push-Pull Poly Valve.
TB-7-P	TEDLAR Sampling Bag, 7 x 7 inch, 1.0 liter with Push-Pull Poly Valve.
TB-9-P	TEDLAR Sampling Bag, 9 x 9 inch, 2.0 liter with Push-Pull Poly Valve.
TB-10-P	TEDLAR Sampling Bag, 10 x 10 inch, 3.0 liter with Push-Pull Poly Valve.
TB-12-P	TEDLAR Sampling Bag, 12 x 12 inch, 5.0 liter with Push-Pull Poly Valve.
TB-12-R	TEDLAR Sampling Bag, 12 x 12 inch, 5.0 liter with Halkey-Roberts Valve.
TB-12X19-P	TEDLAR Sampling Bag, 12 x 19 inch, 10.0 liter with Push-Pull Poly Valve.
TB-12X21-P	TEDLAR Sampling Bag, 12 x 21 inch, 12.0 liter with Push-Pull Poly Valve.
TB-15-P	TEDLAR Sampling Bag, 15 x 15 inch, 0.6 liter with Push-Pull Poly Valve.
TB-18X24-P	TEDLAR Sampling Bag, 18 x 24 inch, 25.0 liter with Push-Pull Poly Valve.
TB-18X36-P	TEDLAR Sampling Bag, 18 x 36 inch, 45.0 liter with Push-Pull Poly Valve.
TB-30-P	TEDLAR Sampling Bag, 30 x 30 inch, 80.0 liter with Push-Pull Poly Valve.
TB-30x36-P	TEDLAR Sampling Bag, 30 x 36 inch, 100.0 liter with Push-Pull Poly Valve.

TEDLAR bags are recommended for most VOCs, if analyzed within 48 hours, and for many sulfur compounds, if analyzed within 24 hours.

Multi-Layer Foil bags are recommended for Methane (CH₄), Hydrogen Sulfide (H₂S), Carbon Monoxide (CO), and Carbon Dioxide (CO₂), if analyzed within 48 hours. Multi-Layer Foil bags can be used to sample most VOCs but are not recommended for collecting low ppm to high ppb VOCs due to background levels from bag materials

For more information, contact us :

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GAS SAMPLING BAG SAMPLING EQUIPMENT FOR VOC'S

Bag Stainless Steel Enclosures

4 Gallon stainless steel Bag Enclosure with 1/4" stainless steel quick connects. Accepts TB-18-P.

TBE-4G

6 Gallon stainless steel Bag Enclosure with 1/4" stainless steel quick connects. Accepts TB-18 x 24-P.

TBE-6G

10 Gallon stainless steel Bag Enclosure, with 1/4" stainless steel quick connects. Accepts TB-18 x 36-P.

TBE-10G

4 gallon
(16 liter)



TBE-4G

6 gallon
(25 liter)



TBE-6G

10 gallon
(38 liter)



TBE-10G

Accessories

Model	Description
O-452N50	12" O-ring Seal, Nitrile for TBE-4G, 6G, and 10G
QC-M4-SS	1/4" Stainless Steel Male Quick Connect
QC-F4-SS	1/4" Stainless Steel Female Quick Connect

Drum Heater

For heated gas bag sampling up to 150°C (300°F), Apex Instruments offers a thermostatically controlled flexible silicone rubber drum heater and thermal blanket. The heater is easily attached with quick acting spring latches and the quilted thermal blanket is attached with snap buttons.

Flexible Silicone Drum Heater
4-10 Gallon with Thermostat,
300 Watts/240 V Adj. 50
to 425°F, 110 VAC.

TBE-HEATER

Flexible Silicone Drum Heater
4-10 Gallon with Thermostat,
300 Watts/240 V Adj. 50
to 425°F, 220 VAC.

TBE-HEATER-V



Attention:
Heater temperatures should be closely monitored during initial use. Thermostat requires several cycles to break in. Calibrate the thermostat while installed before initial use.



Caution:
The heater temperature will rise rapidly since the drum is virtually empty. Start with the thermostat set at the lowest temperature setting. Do not use in hazardous locations.

Insulated Blanket, fits the TBE-4G.

TBE-4G-BKT

Insulated Blanket, fits the TBE-6G.

TBE-6G-BKT

Insulated Blanket, fits the TBE-10G.

TBE-10G-BKT

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