

# Gas Sampling Kit - GSVB-500

The Gas and Vapor sampler (GSVB-500) is ideal for remote sampling of environmental or low pressure stream gases and vapor.

Samples are collected in a 500 cc self-sealing, "*impervious/inert*" bag which can be removed from the sampling canister for further sampling. The filled bags can be stored until discharge of the contents is required. ( *usually a few days Max* )

Tedlar ( or >>>Teflon or equivalent ) - VOCs generally( Not H<sub>2</sub> & some permanent gases  
Laminated Foil Film ( for permanent Gases (H<sub>2</sub>), O<sub>2</sub>, N<sub>2</sub>, CO<sub>2</sub>, CO, Methane, (H<sub>2</sub>O)

## Features and benefits

- Easy to use.
  - Ideal for field environmental analysis.
  - Resealable/removable sample bags.
  - 500 cc sample bag capacity . . . 1000cc Optional
- Plastic Luer Lok Stopcock(s) on Bag and Canister

## Recommended applications

- Spot collection of environmental gas samples or low pressure gas streams.
  - Ideal for pre-sampling/screening for later lab analysis by GC / GC/MS etc
  - For High(er) Sample thru'put combine with portable fixed Gas Monitors ( where appropriate eg O<sub>2</sub>, CO<sub>2</sub>, Methane and other more "toxics" eg H<sub>2</sub>S, Natural Gas, PH<sub>3</sub>
  - . . . depending on concentration (>>>ppM ?) and bag material compatability
- Limits determined by user Trial & Error

## Product specifications

Kit Contains: Optimised for use with Chromtech

500cc Gas Sampling Bag

Metallised Foil NDV31\_0.5L

OR Tedlar ( Fluone) FLU11\_0.5L

- Canister, PP/O-ring seal - inert & NOT in contact with sample
- (Aspirator Bulb ), replace with Hand Vacuum Pump or motorised Diaphragm Vac Pump ( but with due Care !)
- 5 x 500cc bags w/ Stopcock > Options (1000cc -1000), Tedlar (-T) Metallised Laminated (-MT)
- Marker Pen, and • Instructions.

The GSBK gas sampling bags consist of . . . either

- Tedlar ( a >>> superior grade of PTFE/Teflon more robust less permeable / more inert ! )
- Metallized Laminated ( polyethylene/aluminum foil/polyethylene laminate.
- The sample bags are suitable for gas pressures differentials up to 3psi. The canister is polyethylene with a polythene lid.
- The maximum canister pressure is +20 psi (-60 kPa vacuum).

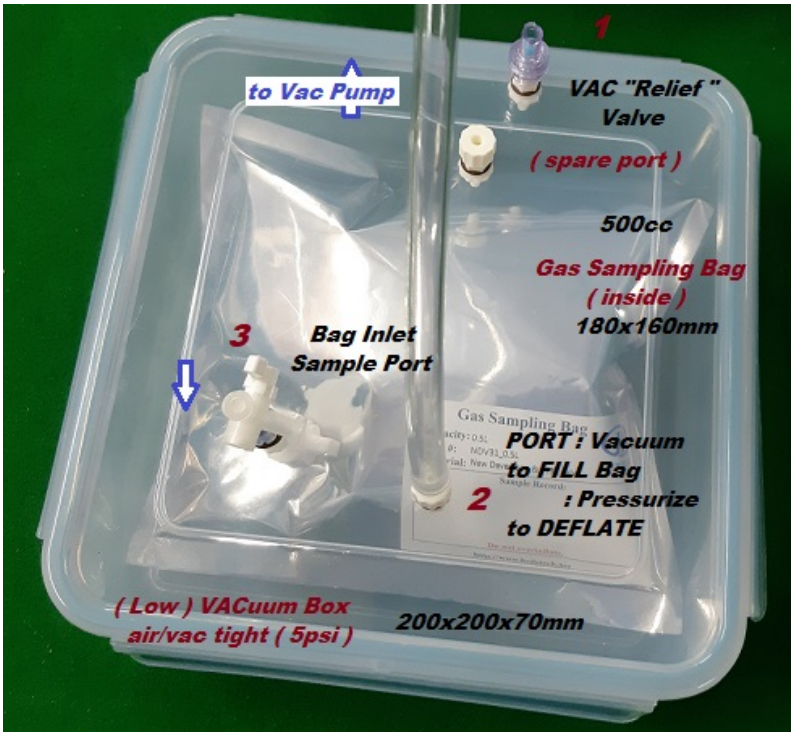
For more information about > Gas Analysis Accessories

or about this product visit or contact . . .



## Gas Sampling Kit - GSVB-500 ~AUD \$250 (as is)

+ Hand Vacuum Pump  
CT-MV ~ AUD135.00



A Vacuum Pump evacuates box to fill the Gas Sampling Bag (visually DO NOT try Overfill flexible bag MAY burst)

To deflate bag > Either  
- Pressure (5psi) Max Port 2  
OR  
Swap Vac Pump to Port 3

Recommended >  
Hand Vacuum Pump for Field Use  
OR

a Motorised Pump  
(but with MUCH Care !)

Box & Parts optimised for 500cc  
Bag from CHROMTECH  
NDV31\_0.5L (Metalised Foil)

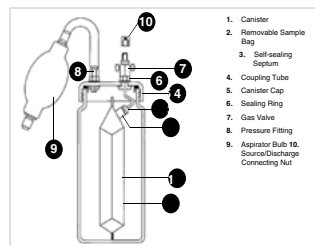
Don't Overpressure (5psiMax)  
Vacuum relief - AUTO at minus -5psi  
OR Plastic Box will implode !

Gas Sampling Bag Vacuum Box GSVB-500

"generic" commercial device(s) - also available > from Chromalytic



SGE ~AUD750



### Vacuum Bag Sampler

Restek 22118  
~ AUD4950

- Fast bag sampling without sample passing through pump.
- Bag capacity up to 10 L.



22118

CE

Features:

- Observation window on case lid
- Sample inlet accepts 1/4" OD tubing
- Case designed for rugged outdoor use
- CE certified

more PDF detail

[https://pdf2.chromtech.net.au/Rtx11-12\\_423.pdf](https://pdf2.chromtech.net.au/Rtx11-12_423.pdf)





