

GAS AND VAPOR SAMPLER

- ideal for field sampling

- Easy to use
- Ideal for Field Environmental Analysis
- Resealable/Removable Sample Bags
- 200 cm³ sample Bag Capacity

The Gas and Vapor (GAV-200) **figure 1**, is ideal for remote sampling of environmental or low pressure stream gases and vapor.

Samples are collected in a 200cm³ self-sealing, impervious 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.

SAMPLING PROCEDURES

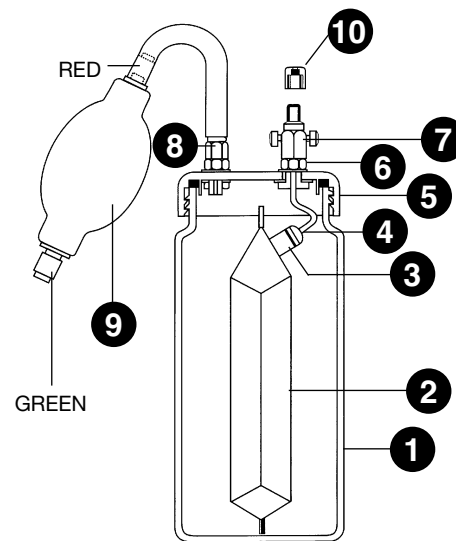
Sampling is implemented by connecting the GAV-200 system to the gas source and evacuating the canister using the supplied aspirator bulb (**figure 1**). Once the bag has been filled, the gas valve fitted to the canister is closed to prevent any of the sample escaping. The canister can then be opened and the sample bag removed. A self-sealing septum will retain the contents of the bag until discharge. A marker pen is provided to label the sample bag. For gas sources above ambient pressure, evacuation of the canister is not required.

GAS SAMPLE BAGS

The GAV-200 gas sampling bags consist of three laminated layers; an inert polymer liner, an impervious aluminum layer to prevent diffusion of gases through the bag and a tough polyester outer coating. The sample bags are suitable for gas pressures differentials up to 5psi.

The GAV-200 gas and vapor sampler system comes complete with canister assembly including valve and fittings, aspirator bulb with coupling tubing, ten (10) resealable sampling bags, sample bag marker pen, stainless steel tubing, septa and other fittings and tools required for operation.

Figure 1



1. Canister
2. Removable Sample Bag
3. Self-sealing Septum
4. Coupling Tube
5. Canister Cap
6. Sealing Ring
7. Gas Valve
8. Pressure Fitting
9. Aspirator Bulb
10. Source/Discharge Connecting Nut

PRODUCT DATA

ORDERING INFORMATION

Description	Part No.
GAV-200 Gas and Vapour Sampler System	090111
Spare GAV-200 Self-sealing Sample Bags (pkt 10)	090112



Publication No. PD-0034-A Rev:02 07/01

SGE International Pty. Ltd. Toll Free: 1800 800 167 Tel: +61 (0) 3 9837 4200 Fax: +61 (0) 3 9874 5672 email: support@sge.com	SGE Incorporated (USA) Toll Free: 800 945 6154 Fax: +1 512 836 9159 email: usa@sge.com	SGE (France) Sarl Tel: +33 (0) 1 6929 8090 Fax: +33 (0) 1 6929 0925 email: france@sge.com	SGE Deutschland GmbH Tel: +49 (0) 6151 860486 Fax: +49 (0) 6151 860489 email: germany@sge.com	SGE Japan Inc. Tel: +81 (45) 222 2885 Fax: +81 (45) 222 2887 email: japan@sge.com
	SGE Europe Ltd. (UK) Tel: +44 (0) 1908 568 844 Fax: +44 (0) 1908 566 790 email: uk@sge.com	SGE (Italia) Srl. Tel: +39 06 4429 0206 Fax: +39 06 4429 0724 email: sge.italia@tin.it	SGE China Service Centre Tel: +86 (10) 6588 8666 Fax: +86 (10) 6588 6577 email: sge@bj.col.com.cn	SGE India Tel: +91 (022) 471 5896 Fax: +91 (022) 471 6592 email: sgeindia@vsnl.com