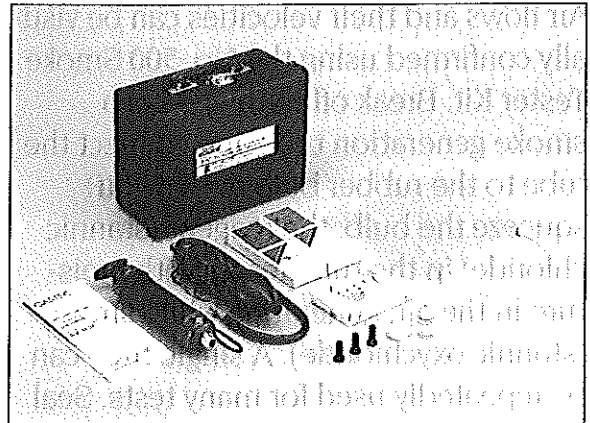


Gas Generation Tube Kit

Gastec Gas Generation Tube Kit was designed to generate standard gas of certain concentration by the request of simplified method. This Gas Generation Tube Method is capable to bring to anywhere where the standard gas is necessary without any toil.

Simple and light weight carrying case contains Gas generation tubes, detector tubes, gas sampling pump and 2 litres gas sampling bag. If highly toxic gas like, hydrogen sulphide, hydrogen cyanide and the like are necessary in the isolated area, you can bring the light weight case together with necessary materials. You can generate the reliable standard gas within a few minutes at the site. No sophisticated knowledge and technique are necessary to prepare the standard gas.



● Features

- Only prepare the gas generation tube and gas generation solution.
- Low cost for initial and running expenses.
- Quick, easy and economical method of gas generation system

■ Components of the Kit

Description	Quantity
Gas Generation Set	
Gas Generation Tube	10 tubes/box
Gas Generation Solution	10 ml /bottle
Paper towel	1 bag
Gas Detector Tube	10 tubes/box
Double bellows	1 pc.
Sampling Bag	1 pc. of 2 litre bag
Gas Sampling Pump Model GV-100S	1 set
Carrying Case	1 pc.

■ List of Gas Generation Tubes

Gas	Model No.	Gas Generation Tube No.	Gas Concentration	Detector Tube No.	Reaction Principle
Ammonia	AC-10	AC-21	2 – 10 ppm	3L	$\text{NH}_4\text{Cl} + \text{Base} \rightarrow \text{NH}_3$
Hydrogen Cyanide	HCC-10	HCC-21	5 – 40 ppm	12L	$\text{KCN} + \text{H}_2\text{O} \rightarrow \text{HCN}$
Sulphur Dioxide	SDC-10	SDC-21	10 – 40 ppm	5L	$\text{Na}_2\text{S}_2\text{O}_5 + \text{Acid} \rightarrow \text{SO}_2$
Nitrogen Dioxide	NDC-10	NDC-21	5 – 30 ppm	9L	$\text{HNO}_3 + \text{Cu} \rightarrow \text{NO}_2$
Hydrogen Sulphide	HSC-10HH	HSC-21HH	600 – 1000 ppm	4H	$\text{CaS} + 2\text{H}_3\text{PO}_4 \rightarrow \text{H}_2\text{S} + \text{Ca}(\text{H}_2\text{PO}_4)_2$
Hydrogen Sulphide	HSC-10	HSC-21	10 – 40 ppm	4LL	$\text{CaS} + \text{Acid} \rightarrow \text{H}_2\text{S}$
Hydrogen Sulphide	HSC-10L	HSC-21L	5 – 10 ppm	4LK	$\text{CaS} + 2\text{H}_3\text{PO}_4 \rightarrow \text{H}_2\text{S} + \text{Ca}(\text{H}_2\text{PO}_4)_2$
Phosphine	PC-10	PC-21	2 – 5 ppm	7L	$\text{Ca}_3\text{P}_2 + \text{H}_2\text{O} \rightarrow \text{PH}_3$