

# Uniphos

## Gas Detector Tube System



The Uniphos Detector Tube System represents the best technology available for gas detection and can be used in many gas monitoring applications.

### Applications

- Confined Spaces
- Fumigation
- Occupational Safety & Health
- Oil & Gas Industry
- Petrochemical Plants
- Process Control
- Research Laboratories





# UNIPHOS Advantage



- Protective sleeve to prevent breakage
- High Quality Gas Tube
- Chemical formula of the substance to be measured
- Clearly Printed Measurement Scale
- Distinct Colour Change



Uniphos Gas Detector tubes give high quality performance with accuracy and convenience. The tubes are manufactured using the latest technology and are backed with years of proven research and development.

- Unit of measurement
- Sampling Volume

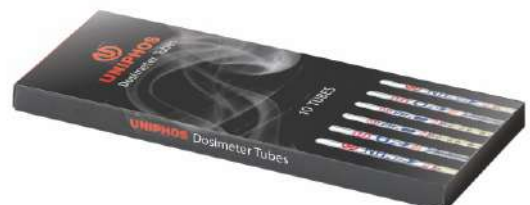


## Uniphos Gas Detector Tubes

- Uniphos Gas Detector Tube which is to be used with a sample draw pump provides an easy, quick and accurate method for a direct on the spot measurement of gases and vapours present in air
- The tubes are highly specific to the target gas
- Available for  $\text{NH}_3$ ,  $\text{H}_2\text{S}$ ,  $\text{SO}_2$ ,  $\text{Cl}_2$ ,  $\text{PH}_3$ ,  $\text{HCl}$ ,  $\text{HCN}$ ,  $\text{CO}$ ,  $\text{CO}_2$ ,  $\text{O}_2$ ,  $\text{C}_6\text{H}_6$  and several other gases and vapours
- Spot check of toxic gas concentration at work place at specified intervals

## Uniphos Dosimeter Tubes for Phosphine

- Present a unique method to determine the phosphine concentration time product (DOSE.)
- It is an ideal method for determining the adequacy of fumigation
- The total dose is measured by exposing the dosimeter tube during the entire period of fumigation.





# Extensive portfolio of tubes that can detect more than 120 gases

## Uniphos

### Precision Air Sampling Pump

- ASP-40 is a piston and barrel type vacuum pump
- It is a light weight and rugged pump with a vacuum indicator to assess the completion of sampling
- This pump can draw sample air of 50 cc, 100 cc or their multiples
- It carries a full 5 year warranty and requires only periodic routine maintenance.



## Uniphos Smoke Tubes

The Uniphos Smoke tubes are sealed glass tubes filled with a pungent gas producing chemical compound loaded on an inert support material. After cutting both the ends of the tube and passing air by using a specified pump or squeezing a rubber bulb attached at one end of the tube, it produces irritant smoke, coming out of the other end.

### Application Areas

- Tracking low velocity air movements
- Checking air flow direction in mines
- Testing performance of fume hoods, exhaust discharge, dryers, stack, etc.
- Respiratory fit test as per OSH29CFR1910.134

## Uniphos Charcoal Tubes

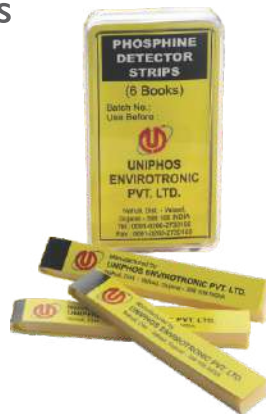
- The Charcoal tubes are sealed glass tubes filled with two columns of accurately weighed, high purity coconut shell charcoal
- These tubes adsorb non polar solvent vapours and gases passing through them
- Used to monitor personal exposure to organic vapours & aerosols
- Usage of charcoal tube is a NIOSH approved method for air sampling.



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### Gas Detector Strips

- They are paper strips impregnated with sensing chemicals by a special process to detect the target gases like PH<sub>3</sub>, HCN, H<sub>2</sub>S
- The time it takes to change the colour is related to the target gas concentration
- They provide a simple and cost-effective method of gas detection at TLV of the specified gases



## Uniphos

### Extension Hose for Remote Air Sampling

Uniphos sampling lines or extension hoses for detector tubes are available in 4m and 15m lengths for taking remote samples from confined spaces or otherwise inaccessible areas, such as tanks, cargo holds, reaction vessels, silos and manhole entries.



Due to continuous development, we reserve the right to change specifications without prior notice.

## Uniphos - Trusted Worldwide



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