

## UNIPHOS GAS DETECTOR TUBES

Reliable, High Quality & Precise



Air Sampling Pump

Uniphos Gas Detector Tubes

When monitoring of a toxic gas concentration is not essential but monitoring its concentration at a specific moment or at a specified interval is all that is desired, UNIPHOS short term detector tubes provide the answer.

### UNIPHOS Gas Detector Tubes

- Available for NH<sub>3</sub>, H<sub>2</sub>S, SO<sub>2</sub>, Cl<sub>2</sub>, PH<sub>3</sub>, HCl, HCN, CO, CO<sub>2</sub>, O<sub>2</sub>, C<sub>6</sub>H<sub>6</sub> and many others gases and vapours.
- Spot check of toxic gas concentration at work place at specified intervals.

### UNIPHOS Precision Air Sampling Pump

- Is a light weight and rugged vacuum pump with a piston and barrel type design
- Provides reproducible vacuum holding capability, with its cap seal gasket design
- Sampling is easy and accurate
- Can draw samples of 50cc, 100cc, or their multiples
- Requires only periodic routine maintenance and carries a full 5 year warranty

### APPLICATION AREA

- Pipelines
- Storage tanks
- Godowns
- Canals
- Tunnels



**United Phosphorus Limited**

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Gas/Vapour	TLV(ppm)	Range (ppm)	Gas/Vapour	TLV(ppm)	Range (ppm)
Acetic Acid	10	2.5-5.0	Hydrazine	0.1	0.1-2
Acetone	750	50-4000	Hydrocarbon	-	10-1200
Acrylonitrile	2	5-120	(General)		0.025-0.6%
Ammonia	25	2.5-50	Hydrogen Chloride	5	2-20
		50-1000			5-100
		250-5000			50-1000
		0.5-10%	Hydrogen Cyanide	10	5-100
		1-30%	Hydrogen Selenide	0.05	5-100
Arsine	0.05	1-30	Hydrogen Sulphide	10	0.5-10
Benzene	2	5-100			1-30
Bromine	0.1	1-20			5-100
		5-100			25-250
Butyl Acetate	150	0.005-1%			100-2000
Butyl Acrylate	10	5-60			0.1-2%
Carbon Dioxide	5000	0.03-0.5%			0.5-10%
		0.25-3%			2-40%
		1-20%	Isopropyl Alcohol	400	0.1-2.5%
Carbon Disulphide	10	2.5-50	Isopropyl Amine	5	2.5-50
		5-100	LP Gas	1000	0.02-0.8%
Carbon Monoxide	25	5-100	Methanol	200	100-5000
		50-1000			0.05-6%
		1-20%	M.I.B.K	50	0.02-0.6%
Chlorine	0.5	0.25-5	Methyl Mercaptan	0.5	1-20
		5-100			5-120
		50-500			10-1000
Chlorobenzene	10	10-200			
Cyclohexane	300	10-1200	Phenol	5	1-50
		0.025-0.6%	Phosphine	0.3	0.05-2.5
					5-100
Cyclohexanone	25	2-100			50-1000
Diethyl Amine	5	2-20			150-3000
D.M.F	10	2-30			
Ethanol	1000	0.05-5%			
Ethyl Acetate	400	0.1-5%			
Ethyl Benzene	100	5-150			
Ethyl Mercaptan	0.5	1-20			
		5-120			
		25-500			
Formaldehyde	0.3	5-100			
Formic Acid	5	1-15			
Furfural	2	1-16			
n-Hexane	50	10-1200			
		0.025-0.6%			

\*Standard ranges are available

The tubes are calibrated for a fixed volume of air sample which is drawn using a sample draw pump. The scale on the glass tube reads the stain length in ppm of contaminant concentration. This method of measurement is simple, accurate and highly specific.

In addition to the short term detector tubes, there are a number of other UNIPHOS chemical detectors such as dosimeter tubes, dissolved substance detector tubes, charcoal tubes for chemical vapours, detector strips, air flow indicator tubes, etc. are available.

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



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