

UNIPHOS GAS DETECTOR TUBES

Reliable, High Quality & Precise



The UNIPHOS Gas Detection Tube System is an easy, quick and accurate method for direct, on-site measurement of gases, vapours and aerosols. The tubes are simple to use, requires minimum maintenance and no calibration.

UNIPHOS Gas Detector Tubes

- Available for NH_3 , H_2S , SO_2 , Cl_2 , PH_3 , HCl , HCN , CO , CO_2 , O_2 , C_6H_6 and many others gases and vapours.
- Spot check of toxic gas concentration at work place at specified intervals.

UNIPHOS Precision Air Sampling Pump

- 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

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



United Phosphorus Limited

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Gas/Vapour	Range (ppm)	Gas/Vapour	Range (ppm)	Gas/Vapour	Range (ppm)
Acetic Acid	2.5-50	Diethyl Amine	2-20	Methyl Bromide	1-18
Acetone	50-4000	Diethyl Ether	0.04-1%		10-100
Acrylonitrile	5-120	DMF	2-30		20-300
Ammonia	2.5-50	Ethanol	0.05-5%		50-1000
	5-100	Ethyl Acetate	0.1-5%	Methyl Mercaptan	1-20
	50-1000	Ethyl Benzene	5-150		5-120
	250-5000		30-400	Nitrogen Dioxide	0.5-30
	0.5-10%	Ethyl Mercaptan	1-20		10-1000
	1-30%		5-120	Nitrogen Oxides	10-2500
Arsine	1-30		25-500	Nitric Acid	1-20
Benzene	0.25-12	Formaldehyde	5-100	Ozone	5-100
	5-100	Formic Acid	1-15		25-500
Bromine	1-20	N-Hexane	10-1200	Oxygen	3-24%
	5-100		0.025-0.6%	Phosphine	0.05-2.5
Butyl Acetate	0.005-1%	Hydrogen Chloride	2-20		5-100
Carbon Dioxide	0.03-0.5%		5-100		50-1000
	0.25-3%		50-1000		150-3000
	1-20%	Hydrogen Cyanide	5-100	Sulphur Dioxide	0.5-10
	5-50%		50-1000		5-100
Carbon Disulphide	2.5-50	Hydrogen Fluoride	0.5-30		20-300
	5-100	Hydrogen Sulphide	0.5-10		500-8000
Carbon Monoxide	5-100		1-30		0.1-3%
	25-600		5-100	Tert. Butyl Mercaptan	5-120
	50-1000		25-250	Trichloroethylene	10-250
	100-3000		100-2000		0.05-1%
	0.1-5%		0.1-2%	Toluene	10-300
Carbonyl Sulphide	5-100		0.5-10%	Water Vapour	0.1-2mg/l
Chlorine	0.25-5		2-40%		1-18 mg/l
	5-100	Isopropyl Amine	2.5-50	Xylene	25-1000
	50-500	Methanol	100-5000		
Chlorobenzene	10-200		0.05-6%		
Cyclohexane	10-1200	MIBK	0.02-0.6%		
	0.025-0.6%				

*Standard ranges are available

UNIPHOS gas detector 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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