



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, vapors and aerosols.

The tubes are simple to use, requiring little maintenance and no calibration. Gas detector tubes are useful for the spot checking of toxic gas concentrations at the work place at specific intervals. Available for NH_3 , H_2S , SO_2 , Cl_2 , PH_3 , HCl , HCN , CO , CO_2 , O_2 , C_6H_6 , alcohols, amines, mercaptans and many other gases.

UNIPHOS ASP -40 precision sampling pump

- Light weight and rugged
- Piston and barrel type design vacuum pump
- Sampling is simple and accurate
- Requires only periodic routine maintenance
- Pump can draw samples of 50 cc, 100 cc, or their multiples
- Cap seal gasket design provides reproducible vacuum holding capability

UNIPHOS smoke tubes

- Designed for tracing low-velocity air movements
- Filled with a chemical specified by OSHA for irritant smoke fit test procedure
- Can also be used for checking air flow direction in mines, testing the performance of fume hoods, exhaust discharge, dryers, stacks and in HVAC systems.

UNIPOS gas detector tubes (12 tubes per box)

Gas/Vapor	Range (ppm)	Gas/Vapor	Range (ppm)	Gas/Vapor	Range (ppm)	Gas/Vapor	Range (ppm)
Acetaldehyde	10 - 300	o-Cresol	1 - 25	Methanol	100 - 5000	Methanol	1 - 18 mg/l
Acetic Acid	2.5 - 50	Cyclohexane	10 - 1200	Methanol	0.05 - 6%	Water Vapor	1 - 30 mg/l
Acetone	50 - 4000	Cyclohexane	0.025 - 0.6 %	Methyl Ethyl Ketone	0.02 - 0.6 %	Xylene	25 - 1000
Acetylene	100 - 5000	Cyclohexanone	2 - 100	Methyl Isobutyl Ketone	0.02 - 0.6 %	UNIPOS DOSIMETER TUBES	
Acid Gases	2 - 40	Cyclohexylamine	0.5 - 30	Mercury Vapor	0.1 - 2 mg/m ³	Gas	Range (ppm.hrs)
Acrolein	10 - 800	1,2-Dichlorobenzene	10 - 300	Methyl Bromide*	1 - 18	Phosphine	100 - 20,000
Acrylonitrile*	5 - 120	1,2-Dichloroethane*	5 - 50	Methyl Bromide*	10 - 100	Phosphine	1000 - 100,000
Amines	5 - 100	1,2-Dichloroethylene*	20 - 400	Methyl Bromide*	20 - 300	Ammonia	25 - 500
Ammonia	2.5 - 50	Diethylamine	2 - 20	Methyl Bromide*	50 - 1000	Carbon Dioxide	5000 - 120,000
Ammonia	5 - 100	Diethyl Ether	0.04 - 1 %	Methylene Chloride*	10 - 60	Oxygen	150 - 15,000
Ammonia	10 - 300	Diesel Fuel	0.1 - 5 mg/l	Methylene Chloride*	50 - 500	UNIPOS DETECTOR STRIPS	
Ammonia	50 - 1000	Dimethylformamide*	2 - 30	Methylene Chloride*	30 - 1000	Gas	Range (ppm)
Ammonia	250 - 5000	Ethanol	0.05 - 5 %	Methyl Cyclohexane	100 - 1600	Phosphine	0.3 - 10
Ammonia	0.5 - 10%	Ethyl Acetate	0.1 - 5 %	Methyl Iodide	500 - 15000	Arsine	0.05 - 3
Ammonia	1 - 30 %	Ethyl Benzene	5 - 150	Methyl Mercaptan	1 - 20	Hydrogen Cyanide	1 - 20
Aniline	2 - 30	Ethyl Benzene	30 - 400	Methyl Mercaptan	5 - 120	Hydrogen Sulfide	1 - 20
Arsine	1 - 30	Ethyl Formate	20 - 500	Multigas (Inorganic)	Qualitative	Mercaptans	0.5 - 10
Aviation Oil	0.1 - 5 mg/l	Ethyl Mercaptan	1 - 20	Nitrogen Dioxide	0.5 - 30	UNIPOS DISSOLVED ION DETECTOR TUBES	
Benzene	0.25 - 12	Ethyl Mercaptan	5 - 120	Nitrogen Dioxide	10 - 1000	Ion	Range (ppm)
Benzene	2.5 - 50	Ethyl Mercaptan	25 - 500	Nitrogen Oxides	0.5 - 15	Chloride Ion	0.5 - 20
Benzene	5 - 100	Ethyl Mercaptan in LPG	1 - 20	Nitrogen Oxides	20 - 250	Chloride Ion	10 - 2000
Bromine	1 - 20	Ethylene Dibromide*	1 - 50	Nitrogen Oxides	100 - 2500	Sulfide Ion	0.5 - 20
Bromine	5 - 100	Ethylene Glycol*	10-100 mg/m ³	Nitric Acid	1 - 20	Sulfide Ion	1 - 100
1,3-Butadiene*	1 - 20	Ethylene Oxide*	0.1 - 10	Octane	3 - 23 mg/l	Sulfide Ion	2 - 300
1,3-Butadiene*	5 - 100	Ethylene Oxide*	1 - 100	Oxygen	3 - 24 %	UNIPOS SMOKES TUBES	
n-Butane	50 - 1400	Ethylene Oxide	0.05 - 3 %	Ozone	5 - 100	Smoke tubes (Air flow indicator tubes)	
1-Butanol	10 - 150	Formaldehyde	0.1 - 5	Ozone	25 - 500	UNIPOS AIR SAMPLING PUMP	
2-Butanol	10 - 150	Formaldehyde	5 - 100	Phenol	1 - 25	Product	Description
Butyl Acetate	0.005 - 1%	Formic Acid	1 - 15	Phosphine	0.05 - 2.5	Uniphos precision air	For drawing air
Butyl Acrylate	5 - 60	Furan	0.01 - 1 %	Phosphine	0.3 - 5	Sampling pump	Sample while using
t-Butyl Mercaptan	0.5 - 15 mg/m ³	Furfural	1 - 16	Phosphine	0.1 - 10	(priston & barrel)	detection tubes
t-Butyl Mercaptan	0.5 - 30 mg/m ³	Gasoline	0.03 - 0.6 %	Phosphine	5 - 100	UNIPOS CHARCOAL TUBES	
t-Butyl Mercaptan	5 - 120	Hydrazine	0.1 - 2	Phosphine	50 - 1000	Type	Size (mm)
n-Butylamine	5 - 100	Hydrocarbons (Hexane)	10 - 1200	Phosphine	150 - 3000	Standard	6 x 70
Carbon Dioxide	300 - 5000	Hydrocarbons (Hexane)	0.025 - 0.6 %	Phosphine	300 - 8000	Large	8 x 110
Carbon Dioxide	0.25 - 3 %	Hydrogen	0.05 - 0.8 %	Phosgene	0.1 - 10	Jumbo	10 x 110
Carbon Dioxide	0.5 - 10 %	Hydrogen Chloride	1 - 10	Pyridine	1 - 14	UNIPOS AIR SAMPLING PUMP	
Carbon Dioxide	1 - 20 %	Hydrogen Chloride*	2 - 20	Sulfur Dioxide	0.5 - 10	Product	Description
Carbon Dioxide	5 - 60 %	Hydrogen Chloride*	5 - 100	Sulfur Dioxide	1 - 25	Uniphos precision air	For drawing air
Carbon Disulfide*	2.5 - 50	Hydrogen Chloride	50 - 1000	Sulfur Dioxide	5 - 100	Sampling pump	Sample while using
Carbon Disulfide*	5 - 100	Hydrogen Cyanide	2.5 - 50	Sulfur Dioxide	20 - 300	(priston & barrel)	detection tubes
Carbon Disulfide*	50 - 1600	Hydrogen Cyanide	5 - 100	Sulfur Dioxide	500 - 8000	UNIPOS CHARCOAL TUBES	
Carbon Monoxide	1 - 30	Hydrogen Cyanide	50 - 1000	Sulfur Dioxide	0.02 - 0.3%	Type	Size (mm)
Carbon Monoxide	5 - 100	Hydrogen Fluoride	0.5 - 30	Sulfur Dioxide	0.1 - 3 %	Standard	6 x 70
Carbon Monoxide	25 - 600	Hydrogen Sulfide	0.5 - 7	Sulfur Dioxide	0.25 - 5 %	Large	8 x 110
Carbon Monoxide	50 - 1000	Hydrogen Sulfide	0.5 - 10	Sulfuric Acid	0.5 - 5 mg/m ³	Jumbo	10 x 110
Carbon Monoxide	100 - 3000	Hydrogen Sulfide	1 - 30	Stoddard Solvent	50 - 8000 mg/m ³	UNIPOS AIR SAMPLING PUMP	
Carbon Monoxide	0.01 - 0.7 %	Hydrogen Sulfide	2.5 - 60	Styrene	25 - 250	Product	Description
Carbon Monoxide	0.1 - 7 %	Hydrogen Sulfide	5 - 100	Tetrahydrofuran	50 - 800	Uniphos precision air	For drawing air
Carbon Monoxide	1 - 20 %	Hydrogen Sulfide	10 - 250	Tetrachloroethylene*	5 - 100	Sampling pump	Sample while using
Carbon Monoxide in H ₂	5 - 100	Hydrogen Sulfide	50 - 800	Trichloroethylene *	1 - 16	(priston & barrel)	detection tubes
Carbon Monoxide in H ₂	100 - 3000	Hydrogen Sulfide	100 - 2000	Trichloroethylene*	20 - 250	UNIPOS CHARCOAL TUBES	
Carbon Tetrachloride*	1 - 60	Hydrogen Sulfide	0.1 - 2 %	Trichloroethylene *	0.05 - 1 %	Type	Size (mm)
Carbonyl Sulfide	5 - 100	Hydrogen Sulfide	0.5 - 4%	Toluene	2 - 50	Standard	6 x 70
Chlorine	0.25 - 5	Hydrogen Sulfide	0.2 - 7%	Toluene	10 - 300	Large	8 x 110
Chlorine	2.5 - 50	Hydrogen Sulfide	0.5 - 10 %	Toluene	1 - 20	Jumbo	10 x 110
Chlorine	5 - 100	Hydrogen Sulfide	2 - 40 %	Vinyl Chloride	1 - 20	UNIPOS AIR SAMPLING PUMP	
Chlorine	50 - 500	Hydrogen Sulfide	2 - 40 %	Vinyl Chloride	0.05 - 1%	Product	Description
Chlorine Dioxide	0.1 - 5	H ₂ S + SO ₂ *	2.5 - 60 + 0.5 - 10	Water Vapor	2 - 10 lb/MMCF	Uniphos precision air	For drawing air
Chlorobenzene	10 - 200	Isopropyl Alcohol	0.1 - 2.5 %	Water Vapor	6 - 40 lb/MMCF	Sampling pump	Sample while using
		Isopropyl Amine	2.5 - 50	Water Vapor	0.1 - 2 mg/l	(priston & barrel)	detection tubes

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