

► Uniphos KwikDraw Tubes

Fast and Accurate Detection of Over 150 Gases



Technical specifications

Type :

- Colorimetric tube (glass + chemical reagent)

Tube diameter:

- 5 mm

Compatible pump:

- of the ASP-40 type (50 or 100 cc per stroke) or equivalent pump

Reading time:

- 0.5 to 3 minutes

Measurement range:

- From a few ppm to several %

Packaging:

- Box of 10 tubes

Shelf life:

- 12 to 24 months

ASP-40 pump warranty:

- 5 years

Product description

KwikDraw colorimetric reaction tubes, developed by Uniphos Envirotronic, enable fast and accurate detection of over 150 toxic or flammable gases and vapors. When combined with the ASP-40 manual pump, they offer a reliable, user-friendly, and cost-effective solution for spot measurements solution, suitable for numerous industrial and safety environments.

► Operation

1. Air sampling: Air is drawn through a bellows pump (ASP-40 type), ensuring a constant volume with each stroke.
2. Chemical reaction: The target gas comes into contact with a colored reagent in the tube, causing a color change.
3. Direct reading: The length of the coloration indicates the gas concentration, using a scale printed on the tube.

► Application Areas

KwikDraw tubes are used in many industrial sectors where air monitoring is crucial to ensure worker safety and protect the environment. They are commonly used in the following sectors: chemistry, pharmaceuticals, petrochemicals, fertilizer production, agri-food, fumigation, air treatment, energy, steel mills, communities, wastewater treatment plants, as well as for environmental monitoring of air quality.

► Key Benefits

KwikDraw tubes enable rapid gas detection in just 30 seconds to 3 minutes. Their accuracy is ensured by a reliable chemical reaction, without requiring complex instrumentation. TFactory pre-calibrated and ready to use, they operate without the need for electrical power, ideal for autonomous use in the field.. Portable, robust and easy to handle, even with gloves, they represent an



SAP Code	Gas Name	Standard Range	Plage Extended Range	Tube Code
D5086821	Acetic Acid	1...80	1-12 PPM	804138
D5085822	Acetylene	400...8300	-	804423
D5086829	Acetone	100...10000	-	804141
D5086837	Acetone	25...3500	-	813334
10017882	Acrolein	0.1...10	0.1	NA
10016376	Acrylonitrile	0.5...30	1-10 PPM	NA
D5086818	Alcohols	100...6000	-	804136
D5086816	Amines	1...30	-	804134
D5085845	Ammonia	2...600	2-80 PPM	804405
D7085845	Ammonia	2-600	2-60 PPM	D7085845
D5085814	Ammonia	20...1400	-	800300
D5086859	Ammonia	100...2000	-	D5086859
D5085815	Ammonia	0.1...10%	0.1-1.6 VOL%	804406
D5085755	Ammonia	Warning Marks	250 PPM	NA
D5085914	Ammonia	20...1400	-	NA
D7086893	Ammonia	0.25-3	-	D7086893
D7086898	Aniline	0.5-30 ppm	0.5-10 ppm	D7086898
10072098	Arsine	0.05...1	-	NA
D5086852	Benzene	0.25...10	0.25-5 PPM	655837
D5086835	Benzene	1...25	5-100 PPM	807024
D5085816	Benzene	5...100	-	804411
D7086896	Benzene	0.25-10	0.25-2 PPM	D7086896
D5086811	Benzene	5...500	5-150 PPM	804132
D5085770	Benzene	Warning Marks	500 PPM	NA
D5085801	Bromine	0.2...3	-	803944
D5086811	Bromobenzene	20...250	-	804132
D5086834	Bromoethane	15...400	-	487343
D5086845	Bromomethane	1...140	1-10 PPM	710391
D5086847	Bromomethane	200...20000	2000-20000 PPM	710544
D5086834	Bromomethane	20...270	-	487343
D5086833	Butadiene, 1,3-	100...1200	-	804428
D5086831	Butane	200...3800	-	804418
D5085773	Butyl Alcohol	Warning Marks	-	NA
D5086818	Butyl Alcohol	150...2900	-	804136
D5086816	Butyl Amine	3...36	-	804134
D5086815	Butyl Mercaptan	1.5...15	-	804589
D5085769	Butene	Warning Marks	1000 PPM	804410
D5086833	Butylene	100...5000	-	804428
D5086814	Carbon Dioxide	100...3000	-	497606
D5085817	Carbon Dioxide	0.1...7%	0.1-1.2 VOL%	487333
D5085917	Carbon Dioxide	0.1...7%	0.1-1.2 VOL%	NA
D5086844	Carbon Dioxide	0.5...10%	-	710311
D5085941	Dioxyde de Carbone	1...20%	-	NA
D5085941	Carbon Dioxide	1...20%	-	NA
D5085841	Carbon Dioxide	1...20%	-	804419
D5085848	Carbon Dioxide	100...2000	-	488907
D7086902	Carbon Dioxide	100...2000	-	D7086902
D5085758	Carbon Dioxide	Warning Marks	2.5 VOL%	804420
D5085834	Carbon Disulfide	2...300	2-50 PPM	492514

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SAP Code	Gas Name	Standard Range	Plage Extended Range	Tube Code
D5085836	Carbon Monoxide	2...1000	2-100 PPM	803943
D5085936	Carbon Monoxide	2...1000	2-100 PPM	NA
D5085821	Carbon Monoxide	10...3000	10-300 PPM	487334
D5085921	Carbon Monoxide	10...3000	10-300 PPM	NA
D5085920	Carbon Monoxide	0.001...0.3%	0.001-0.03 VOL%	NA
D5085820	Carbon Monoxide	0.001...0.3%	0.001-0.03 VOL%	804421
D5085822	Carbon Monoxide	0.1...1.0%	-	804423
D5086839	Carbon Monoxide	3000...70000	-	815507
D5085835	Carbon Monoxide	0.3...7%	-	487335
D5085847	Carbon Monoxide	5...70	-	488906
D5085759	Carbon Monoxide	Warning Marks	150 PPM	804424
D5086810	Carbon Monoxide	Color match type	-	47134
D7086890	Carbon Monoxide	8-150 ppm	-	D7086890
D5091738	Carbon Monoxide	Warning Marks	25 ppm (7 Days)	D5091738
D5085801	Chlorine	0.2...3	-	803944
D5086812	Chlorine	1...46	0.05-2 PPM	804133
D5086855	Chlorine	50...500	-	655862
D5085757	Chlorine	Warning Marks	2.5 PPM	804412
D5086812	Chlorine Dioxide	0.05...15	0.05-2 PPM	804133
D5086811	Chlorobenzene	10...570	-	804132
D5093811	Chlorobenzene	10...140	-	NA
D5085771	Chlorobenzene	Warning Marks	150 PPM	804414
D5086834	Chlorobromomethane	5...180	-	487343
D5086834	Chlorobutane	5...170	-	487343
D5086834	Chloroethane	50...800	-	487343
D5086834	Chloropentane	5...550	-	487343
D5086834	Chloropropane, 1-	5...220	-	487343
D5086832	Cycloheptane	80...3300	-	497664
D7086897	Cyclohexane	40-3000 ppm	300-3000 ppm	D7086897
D7086889	Cyclohexane	100-1500 ppm	-	D7086889
D5085769	Cyclohexane	Warning Marks	1000 PPM	804410
D5086832	Cyclohexane	20...3400	-	497664
D5086816	Cyclohexyl Amine	7...38	-	804134
D5086832	Cyclooctane	20...2100	-	497664
D5086832	Cyclopentane	80...2700	-	497664
D5086832	Decane	50...500	-	497664
D5086834	Dibromoethane	25...700	-	487343
D5086834	Dichloroethane	8...300	-	487343
D5085771	Dichloroethylene	Warning Marks	-	NA
D5086834	Dichloroethylene	10...600	-	487343
D5085823	Dichloromethane	50...1000	25-400 PPM	804416
D5085772	Dichloromethane	Warning Marks	500 PPM	804417
D5086834	Dichloropropane	5...440	-	487343
D5086816	Diethyl Amine	3...27	-	804134
D5086816	Dimethyl Amine	3...27	-	804134
D5086832	Dimethylbutane	100...4900	-	497664
D5086861	Dimethyl Hydrazine	0.05...1.1	-	NA
10024253	Ethyl Acetate	200...3000	-	NA
D5085773	Ethyl Alcohol	Warning Marks	-	NA

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SAP Code	Gas Name	Standard Range	Plage Extended Range	Tube Code
D5086818	Ethyl Alcohol	100...6000	-	804136
D5086816	Ethyl Amine	4...55	-	804134
D5085770	Ethyl Benzene	Warning Marks	-	NA
D5085828	Ethyl Benzene	5...1800	-	803947
D5086815	Ethyl Mercaptan	0.5...100	0.5-5 PPM	804589
D5086833	Ethylene	25...5000	-	804428
D5085769	Ethylene	Warning Marks	1000 PPM	804410
D7086887	Ethylene Glycol	10-180 mg/m3	-	D7086887
D5086816	Ethylene Diamine	5...27	-	804134
D5085807	Extraction Gasolines	qualitative	-	NA
D7086862	Formaldehyde	0.1-2.5 ppm	0.1-1.25 PPM	D7086862
D5086821	Formic Acid	2...160	-	804138
D5086838	Furfuryl Alcohol	170...1500	-	813778
D5085898	Gasoline	30...6000	30-400 PPM	492870
D7086865	Gasoline	100-3000 mg/m3	-	D7086865
D5085807	Gasoline	Warning Marks	-	NA
D5086769	Gasoline	Warning Marks	1000 PPM	804410
D5086832	Heptane	20...2600	-	497664
D5085769	Heptane	Warning Marks	1000 PPM	804410
D5085807	Hexane	Warning Marks	b=2000 ppm	804409
D5086832	Hexane	20...3200	Refer Instructions	497664
D5085769	Hexane	Warning Marks	1000 PPM	804410
D7086888	Hydrocarbons	2-24 mg/l	(As n-Octane)	D7086888
D7086891	Hydrocarbons	0.1-1.3%	Refer Instructions for more de-	D7086891
D7086895	Hydrogen	0.2-3.0%	-	D7086895
D7086903	Hydrogen Bromide	0.8...15	-	D7086903
D5085846	Hydrogen Chloride	1...50	1-10 PPM	803948
D5086858	Hydrogen Chloride	50...5000	500-5000 PPM	803945
D5085762	Hydrogen Chloride	Warning Marks	2:25 PPM	804413
D5085946	Hydrogen Chloride	1...50	1-10 PPM	NA
D5086861	Hydrazine	0.05...10	0.5-10 PPM	NA
D5085824	Hydrogen Cyanide	2...50	2-10 PPM	803945
D5085756	Hydrogen Cyanide	Warning Marks	50 PPM	804415
D5086830	Hydrogen Fluoride	1...50	1-12 PPM	804142
D7086880	Hydrogen Peroxide	0.1-3 ppm	1 ppm mark	D7086880
10023818	Hydrogen Sulfide	0.1...6	-	NA
D5085826	Hydrogen Sulfide	1...200	1-20 PPM	487339
D5085926	Hydrogen Sulfide	1...200	1-20 PPM	NA
D7086877	Hydrogen Sulfide	1-200 ppm	1-20 PPM	D7086877
D7086882	Hydrogen Sulfide	2-200 ppm	2-20 PPM	D7086882
D7086873	Hydrogen Sulfide	2-600 PPM	2-60 PPM	D7086873
D5085827	Hydrogen Sulfide	100...4000	-	487340
D5085927	Hydrogen Sulfide	100...4000	-	NA
D5086816	Diethyl Amine	3...27	-	804134
D5086857	Hydrogen Sulfide	0.1...4%	-	655932
D7000003	Hydrogen Sulfide	0.2...7%	-	D7000003
D7000903	Hydrogen Sulfide	0.2...7%	-	NA
D7086866	Hydrogen Sulfide	2-40%	-	D7086866
D5085764	Hydrogen Sulfide	Warning Marks	50PPM	804434

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SAP Code	Gas Name	Standard Range	Plage Extended Range	Tube Code
D7086894	H2S+SO2	0.2-7%	0.02-0.7 VOL%	D7086894
D5086831	Isobutane	200...4200	-	804418
D5086816	Isobutyl Amine	3...36	-	804134
D5086833	Isobutylene	400...2600	-	804428
D5086837	Isobutyl Methyl Ketone	50...4000	-	813334
D5086832	Isooctane	100...3000	-	497664
D5086816	Isopropyl Amine	5...30	-	804134
D5086815	Isopropyl Mercaptan	0.5...5.5	-	804589
D5085807	Kerosine	Warning Marks	-	NA
D5085810	Kerosine	qualitative	-	497665
D5085810	Ketones	qualitative	-	497665
D5085807	Light Fuels	Warning Marks	-	NA
D5085898	Ligroin	30...6000	30-400 PPM	492870
D5085810	Ligroin	qualitative	-	497665
D5085807	Ligroin	Warning Marks	-	NA
D5086831	Liquid Petroleum Gas	200...4000	-	804418
D5085810	Liquid Petroleum Gas	qualitative	-	497665
D5086815	Mercaptans	0.5...100	0.5-5 PPM	804589
D7086904	Mercaptans	0.1-15	0.1-2.5 PPM	D7086904
D5085843	Mercury	0.1..0.8 mg/m3	0.2-2 mg/m3	497663
D5086846	Methane	qualitative	-	655789
D5086818	Methyl Alcohol	100...2350	-	804136
D5094818	Methyl Alcohol	100...2500	-	D5094818
D5085773	Methyl Alcohol	Warning Marks	1000 PPM	804404
D7086895	Hydrogen	0.2-3.0%	-	D7086895
D5086816	Methyl Amine	4...55	-	804134
D7086878	Methyl Bromide	0.2-8 ppm	0.2-2 PPM	D7086878
D5086845	Methyl Bromide	1...140	1-10 PPM	710391
D5086847	Methyl Bromide	200...20000	2000-20000 PPM	710544
D5086832	Methyl Butane	50...3000	-	497664
D5086832	Methyl Cyclohexane	80...4900	-	497664
D5086832	Methyl Cyclopentane	150...3700	-	497664
D5086837	Methyl Ethyl Ketone	50...4000	-	813334
D5086861	Methyl Hydrazine	0.2...4	-	NA
D5086815	Methyl Mercaptan	0.5...5	-	804589
10017882	Methyl Methacrylate	1.5...115	-	NA
D5086832	Methyl Pentane	150...4500	-	497664
10040887	Mineralic Oil [Compressor Oil]	0.1-1 mg/m3	-	488909
D7094870	Multigas	Color Marks	-	D7094870
D7094871	Multigas	Color Marks	-	D7094871
D5086846	Natural Gas	qualitative	-	655789
D7086903	Nitric Acid	1...15	-	D7086903
D5085805	Nitrogen Dioxide	0.5...50	-	487341
D5085867	Nitrogen Dioxide	2...140	2-70 PPM	804435
D5085818	Nitrous Fumes	0.5...50	0.2-25 PPM	487336
D5085844	Nitrous Fumes	2...140	2-70 PPM	804425
D5085808	Nitrous Fumes	10...300	-	803946
D5085809	Nitrous Fumes	50...3000	-	804426
D5085760	Nitrous Fumes	Warning Marks	25 PPM	804427

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SAP Code	Gas Name	Standard Range	Plage Extended Range	Tube Code
D5086850	Nitrous Fumes	10.2...6	0.5-6 PPM	655790
D7086863	NO2+NO	2.5...200	-	D7086863
D5086832	Nonane	50...2800	-	497664
D5085769	Nonane	Warning Marks	1000 PPM	804410
D5086832	Octane	50...3000	-	497664
D5085769	Octane	Warning Marks	1000 PPM	804410
D5085810	Other Organic Compounds	qualitative	-	497665
D5086828	Ozone	0.05...5	0.05-1 PPM	804140
D7086864	Oxygen	3...24%	-	D7086864
D5086834	Pentachlorethane	10...300	-	487343
D5086832	Pentane	50...3900	-	497664
D5085769	Pentane	Warning Marks	1000 PPM	804410
D5085898	Petroleum Distillates	30...6000	30-400 PPM	492870
D5085810	Petroleum Distillates	qualitative	-	497665
D5085807	Petroleum Distillates	Warning Marks	-	NA
D5085807	Petroleum Ether	Warning Marks	-	NA
D7086876	Petroleum Hydrocarbon	(As n-Octane)	10-2500 PPM	D7086876
D5086838	Phenol	1...25	5-25 PPM	813778
D5085854	Phosgene	0.1...20	0.1-5 PPM	803949
D5085761	Phosgene	Warning Marks	-	804431
D5085829	Phosphine	0.05...3.0	0.05-1.5 PPM	497101
D5085830	Phosphine	0.1...100	-	485680
D5085930	Phosphine	0.1...100	-	NA
D5085831	Phosphine	50...2000	-	489119
D5085931	Phosphine	50...2000	-	NA
D5086831	Propane	200...4000	-	804418
D5086818	Propyl Alcohol	200...5000	-	804136
D5085773	Propyl Alcohol	Warning Marks	-	NA
D5086816	Propyl Amine	5...30	-	804134
D5086815	Propyl Mercaptan	0.7...8	-	804589
D5086833	Propylene	20...5000	-	804428
D5085769	Propylene	Warning Marks	1000 PPM	804410
D5086819	Styrene	10...300	-	804135
D5085803	Sulfur Dioxide	0.5...30	0.5-7 PPM	487338
D5085813	Sulfur Dioxide	5...200	5-50 PPM	497662
D7086901	Sulfur Dioxide	50-8000	50-500 PPM	D7086901
D5085825	Sulfur Dioxide	100...4000	100-500 PPM	497661
D5085763	Sulfur Dioxide	Warning Marks	10 PPM	804432
D5085838	Sulfur hexafluoride Decomposition Products	0.1...15 (as SO2)	-	804433
D5086834	Tetrabromoethane	5...200	-	487343
D5086834	Tetrachloroethane	50...1000	-	487343
D5085865	Tetrachloroethylene	5...200	5-200 PPM	804429
D5085805	Nitrogen Dioxide	0.5...50	-	487341
D5085771	Perchloroethylene	Warning Marks	-	NA
D5085828	Toluene	5...1000	-	803947
D5086811	Toluene	20...700	-	804132
D5085770	Toluene	Warning Marks	500 PPM	NA
D5086834	Tribromomethane	7...200	-	487343
D5086834	Trichloroethane	5...300	-	487343

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SAP Code	Gas Name	Standard Range	Plage Extended Range	Tube Code
D5085842	Trichloroethylene	5...250	5-60 PPM	487342
D5085771	Trichloroethylene	Warning Marks	150 PPM	NA
D5086834	Trichloromethane	8...100	-	487343
D5086834	Trichloropropane	10...1200	-	487343
D5086816	Triethyl Amine	5...30	-	804134
D5086816	Trimethyl Amine	5...30	-	804134
D5086832	Trimethyl Pentane	100...3000	-	497664
D5085837	Vinyl Chloride	1...200	1-15 PPM	803950
D5085771	Vinyl Chloride	Warning Marks	-	NA
D5085849	Water Vapour	5...160 mg/m3	20-160 mg/m3	804438
D5085851	Water Vapour	10...200	30-200 PPM	488908
D5086851	Water Vapour	100...1000 mg/m3	-	NA
D5086849	Water Vapour	10...100% r.h.	-	655863
D7086872	Water Vapour	5-200 MG/M3	-	D7086872
D7086875	Water Vapour	1-40 MG/L	20-40 MG/L	D7086875
D7086879	Water Vapour	0.1-2 MG/L	-	D7086879
D7086892	Water Vapour	3-60 LB/MMCF	-	D7086892
D7086900	Water Vapour	20...1500 mg/m3	20-250 mg/m3	D7086900
D7086900	Water Vapour	-	150-1500 mg/m3	-
D7086874	Xylene	10-400 PPM	-	D7086874
D5086811	Xylene	10...800	-	804132
D5085828	Xylene	5...2500	-	803947
D5085770	Xylene	Warning Marks	-	#N/A

KwikDraw PID Tubes

SAP Code	Name of the gas	Standard range	Tube Code
D7095863	PID Pre-filter Tube Benzene-0.05	0.05-200 ppm	D7095863
D7095870	PID Benzene Pre-filter Tube	0.1-50 ppm	D7095870
D7095874	Chromium-free PID pre-filter tube	0.1-50 ppm	D7095874
D7095873	PID butadiene pre-filter tube	0.1-200 ppm	D7095873
D7086765	VOC zeroing tube	NA	D7086765

Detector Tube Kits

Code	List of Kits
D3188705	Air Tester HP -Plus Kit with Manifold (With Oxygen measurement)
D5185710	Air Tester MP Kit
D3188703	Air Tester HP Kit (USA) DIN 300 to SCBA adaptor with Multi port sampler
D3188704	Air Tester HP Kit (USA) DIN 300 to SCBA adaptor with single port sampler

Air Sampling Pumps

SAP Code	Pump	US Code
D5146762	Kwik-Draw Deluxe Pump	487500
D5140904	Gas-Tester -I	-
D5146760	Gas-Tester II H	696944

Tubes fumigènes KwikDraw

Code	Nom du gaz	-Code du tube
D5019701	Tube fumigène ST, Paq. de 10	5645
D6009000	Cartouche fumigène ST, Paq. de 10	-
D5019704	Tube fumigène de ventilation ST, Paq. de 10	-
D5019708	Tube fumigène non corrosif ST, Paq. de 12	458480
D5019709	Tube fumigène non corrosif./6 pcs. + poire d'aspiration	458481

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