

Detector tube name	Tube Code No.	Gas or vapour to be measured	Measuring range (ppm)	No. Of Pump Strokes	Time per 1 pump stroke	Shelf Life (year)	* Note	Price Excl. VAT
Acetaldehyde	SAT – 4M	Acetaldehyde	10 – 300	2	1,5 min	1		€ 30
Acetic Acid	SAA – 2	Acetic Acid	2.5 – 50	1	1 min	1		€ 30
		Maleic Anhydride	1 – 20	1				
Acetone	SAC – 5	Acetone	50 – 4000	2	1,5 min	1		€ 30
Acetylene	SAL – 5	Acetylene	100 – 5000	1	1 min	1		€ 30
Acid Gases	SAG – 2	Acetic Acid	1 – 20	4	1,5 min	1		€ 30
			2 – 40	2				
			4 – 80	1				
		Chlorine	1.2 – 24	2				
		Hydrogen Chloride	11.6 – 232	2				
		Iodine	1.8 – 36	2				
		Nitric Acid	13.2 – 264	2				
		Sulphur Dioxide	0.6 – 12	2				
Acrolein	SAE – 4	Acrolein	10 – 800	2	2 min	1		€ 30
Acrylonitrile	SAN – 4L	Acrylonitrile	5 – 120	2	2 min	1	5	€ 30
Alcohol	SET – 7	Ethanol (<i>Alcohol</i>)	0.05 – 5%	2	1,5 min	2		€ 30
Amines	SMA – 3	Ammonia	4.45 – 89	1	1 min	1		€ 30
		n-Butyl Amine	5 – 100	1				
		Ethanol Amine	18.5 – 370	1				
		Ethyl Amine	4.25 – 85	1				
		Methyl Amine	2.5 - 50	2				
			5 – 100	1				
			10 - 200	½				
		Morpholine	10 - 200	1				
		T - Butyl Amine	3.9 - 78	1				
		Dimethyl Amine	3.25 - 65	1				
		Triethyl Amine	2.15 - 43	1				
		Trimethyl Amine	1.7 - 43	1				
Cyclohexylamine	6.65 – 133	1						
Ammonia	SAM – 2	Ammonia	1.25 – 25	2	1 min	2		€ 30
			2.5 – 50	1				
			5 – 100	½				
	SAM – 3	Ammonia	2.5 – 50	2	0,5 min	2		€ 30
			5 – 100	1				
			10 – 200	½				
	SAM – 4M	Ammonia	5 – 150	2	1 min	2		€ 30
			10 – 300	1				
			20 – 600	½				
	SAM – 4	Ammonia	25 – 500	2	1 min	2		€ 30
			50 – 1000	1				
			100 – 2000	½				
SAM – 5	Ammonia	125 – 2500	2	1 min	2		€ 30	
		250 – 5000	1					
		500 – 10.000	½					

	SAM – 8M	Ammonia	0.25 – 5%	2	1 min	2		€ 30
			0.5 – 10%	1				
			1 – 20%	½				
	SAM – 9	Ammonia	0.5 – 15%	2	1 min	2		€ 30
			1 – 30%	1				
			2 – 60%	½				
Aniline	SAI – 2	Aniline	2 – 30	1	0,5 min	1		€ 30
Arsine	SAR – 2	Arsine	0.5 – 15	2	1 min	2		€ 30
			1 – 30	1				
			2 – 60	½				
Aviation Oil (Oil Mist)	SAO – 4	Aviation Oil (Oil Mist)	0.1 – 5 mg/l	1	1 min	1		€ 30
Benzene	SBE – 2L	Benzene	0.25 – 12	5	2,5 min	2	5	€ 30
			1.25 – 25	4				
	SBE – 2	Benzene	2.5 – 50	2	2,5 min	2		€ 30
			5 – 100	1				
			2.5 – 50	2				
SBE – 3	Benzene	5 – 100	1	2 min	2		€ 30	
		10 – 200	½					
Bromine	SBR – 2M	Bromine	1 – 20	2	1 min	2		€ 30
	SBR – 3	Bromine	5 – 100	1	1,5 min	2		€ 30
1,3 Butadiene	SBU – 2M	Butadiene	1 – 20	1	2 min	1	5	€ 30
	SBU – 3	Butadiene	5 – 100	1	2 min	1	5	€ 30
Butyl Acetate	SBA – 6	Butyl Acetate	0.005 – 1%	1	1,5 min	1		€ 30
Butyl Acrylate	SBC – 3L	ButylAcrylate	5 – 60	3	2 min	1		€ 30
n– Butyl Amine	SMA – 3	Ammonia	4.45 – 89	1	1 min	1		€ 30
		n–Butyl Amine	5 – 100	1				
		Ethanol Amine	18.5 – 370	1				
		Ethyl Amine	4.25 – 85	1				
		Methyl Amine	5 – 100	1				
		Morpholine	10 - 200	1				
		T - Butyl Amine	3.9 - 78	1				
		Triethyl Amine	2.15 - 43	1				
		Trimethyl Amine	1.7 - 43	1				
Cyclohexylamine	6.65 – 133	1						
n – Butane	SBT – 5M	n– Butane	50 – 1400	1	4,5 min	1		€ 30
2 – Butanol	SIB – 4L	2 – Butanol	10– 150	2	3,5 min	1		€ 30
			20 – 300	1				
1 – Butanol	SNB – 4L	1 – Butanol	10 – 150	2	2,5 min	1		€ 30
Carbon Dioxide	SCD – 5	Carbon Dioxide	0.015 – 0.25%	4	3,5 min	2	T	€ 30
			0.03 – 0.5%	2				
			0.06 – 1.0%	1				
	SCD – 7	Carbon Dioxide	0.125 – 1.5%	2	2,5 min	2	T	€ 30
			0.25 – 3%	1				
	SCD – 8M	Carbon Dioxide	0.5 – 6%	½	2,5 min	2	T	€ 30
0.25 – 5%			2					
0.5 – 10%			1					
			1 – 20%	½				

	SCD – 8	Carbon Dioxide	0.5 – 10%	2	2,5 min	2	T	€ 30
			1 – 20%	1				
			2 – 40%	½				
	SCD – 10	Carbon Dioxide	2.5 – 30%	1	4 min	2	T	€ 30
			5 – 60%	½				
Carbon Disulphide	SCS – 2	Carbon Disulphide	1.25 - 20	4	1,5 min	2	5	€ 30
			2.5 – 50	2				
	SCS – 3	Carbon Disulphide	5 - 100	½	1,5 min	2	5	€ 30
			2.5 - 50	2				
SCS – 5M	Carbon Disulphide	50 – 1600	1	1,5 min	2	5	€ 30	
Carbon Monoxide in H2	SCH - 3	Carbon Monoxide in H2	5 - 100	3	1,5 min	1		€ 30
	SCH - 5	Carbon Monoxide in H2	100 - 3000	1	2 min	1		€ 30
Carbon Monoxide	SCO – 2	Carbon Monoxide	1 – 30	5	3 min	1		€ 30
	SCO – 3	Carbon Monoxide	2.5 – 50	4	3 min	1		€ 30
			5 – 100	2				
	SCO – 4M	Carbon Monoxide	10 – 200	1	4 min	2		€ 30
			12.5 - 300	2				
	SCO – 4	Carbon Monoxide	25 - 500	2	1,5 min	2		€ 30
			50 – 1000	1				
	SCO – 5	Carbon Monoxide	100 - 2000	½	2,5 min	1		€ 30
			50 - 1500	2				
	SCO – 6M	Carbon Monoxide	0.01 – 0.7%	1	3,5 min	2		€ 30
SCO – 8L	Carbon Monoxide	0.1 – 7%	1	3 min	2		€ 30	
SCO – 8	Carbon Monoxide	0.5 - 10%	2	4 min	1		€ 30	
		1 – 20%	1					
Carbon Tetrachloride	SCT – 3L	Carbon Tetrachloride	1 – 60	1	2,5 min	1	5	€ 30
Carbonyl Sulphide	SCU – 3	Carbonyl Sulphide	2.5 - 50	4	1 min	2	5	€ 30
			5 – 100	2				
Chlorine	SCL – 1M	Chlorine	10 - 200	½	1,5 min	2		€ 30
			0.25 – 5	2				
	SCL – 2	Chlorine	1.25 – 25	2	1,5 min	2		€ 30
			2.5 – 50	1				
	SCL – 3	Chlorine	5 – 100	½	1 min	2		€ 30
			2.5 – 50	2				
SCL – 4M	Chlorine	10 – 200	½	2,5 min	2		€ 30	
		25 - 250	2					
			50 – 500	1				
			100 -1000	½				

Chlorine Dioxide	SCI - 1M	Chlorine Dioxide	0.05 - 2.5	2	2 min	1		€ 30
			0.1 - 5	1				
			0.2 - 10	½				
	SCI - 5	Chlorine Dioxide	100 - 4000	1	2,5 min	2		€ 30
Chlorobenzene	SCB - 4L	Chlorobenzene	10 - 200	2	1,5 min	2		€ 30
Chloroform (Trichloromethane)	SCF - 3	Chloroform	10 - 100	5	2 min	1		€ 30
Chloropicrin	SCP - 2M	Chloropicrin	0.013 - 2.1	5	2 min	1	5	€ 30
			0.04 - 6.4	2				
			0.1 - 16	1				
Cyclohexane	SCY - 5L	Cyclohexane	10 - 1200	1	1,5 min	1		€ 30
	SCY - 6L	Cyclohexane	0.025 - 0.6%	1	1 min	2		€ 30
Cyclohexanone	SCN - 3	Cyclohexanone	2 - 100	3	1,5 min	1		€ 30
Cyclohexylamine	SCA - 2	Cyclohexylamine	0.5 - 30	2	1,5 min	1		€ 30
O - Cresol	SCR - 2M	O - Cresol	1 - 25	2	1,5 min	1		€ 30
1,2 Dichlorobenzene	SDB - 4M	1,2 Dichlorobenzene	10 - 300	2	1,5 min	1		€ 30
1,2 Dichloroethane	SDC - 2	1,2 Dichloroethane	1 - 50	2	2,5 min	1	5	€ 30
1,2 Dichloroethylene	SDH - 4M	1,2 Dichloroethylene	20 - 400	1	2 min	1	5	€ 30
Diesel	SDL - 4	Diesel	0.1 - 5 mg/l	1	1,5 min	2		€ 30
Diethyl Amine	SDA - 2M	Diethyl Amine	2 - 20	2	1,5 min	1		€ 30
Diethyl Ether	SDE - 6	Diethyl Ether	0.04 - 1%	1	2 min	2		€ 30
		Isopropyl ether	0.013 - 0.34%	3				
1,4 Dioxane	SEO - 7	1,4 Dioxane	0,07 - 4%	1	2 min	2		€ 30
		Ethylene Oxide	0.05 - 3%	1				
Dimethyl Formamide (D.M.F.)	SMF - 2	D.M.F.	2 - 30	2	1,5 min	2	5	€ 30
Dimethyl Sulphide	SDS - 2M	Dimethyl Sulphide	0.5 - 10	1	2 min	1		€ 30
Ethanol	SET - 7	Ethanol	0.05 - 5%	2	1,5 min	2		€ 30
Ethanol Amine	SMA - 3	Ammonia	4.45 - 89	1	1 min	1		€ 30
		n-Butyl Amine	5 - 100	1				
		Ethanol Amine	18.5 - 370	1				
		Ethyl Amine	4.25 - 85	1				
		Methyl Amine	5 - 100	1				
		Morpholine	10 - 200	1				
		T - Butyl Amine	3.9 - 78	1				
		Triethyl Amine	2.15 - 43	1				
		Trimethyl Amine	1.7 - 43	1				
		Cyclohexylamine	6.65 - 133	1				
Ethyl Acetate	SEA - 7	Ethyl Acetate	0.1 - 5%	1	2,5 min	2		€ 30
Ethyl Benzene	SEB - 4L	Ethyl Benzene	5 - 150	1	1,5 min	2		€ 30
	SEB - 4M	Ethyl Benzene	30 - 400	1	1,5 min	2		€ 30
Ethyl Formate	SEF - 4M	Ethyl Formate	20 - 500	1	3 min	1		€ 30
Ethylene Glycol	SEG - 2	Ethylene Glycol	10 - 100 mg/m3		2 min			€ 30

Ethyl Mercaptan	SBM - 1M	Ethyl/Methyl/ Tert.Butyl Mercaptans	0.5 - 15 mg/m ³ (0.13 - 4 ppm)	3	1,5 min	1		€ 30
	SBM - 1	Ethyl/Methyl/ Tert.Butyl Mercaptans	0.5 - 30 mg/m ³ (0.13 - 8 ppm)	2	1 min	1		€ 30
	SEM - 2M	Ethyl/Methyl/ Tert.Butyl Mercaptans	0.5 - 10	2	2 min	1		€ 30
			1 - 20	1				
			2 - 40	½				
	SEM - (3L)	Ethyl/Methyl/ Tert.Butyl Mercaptans in LPG	2 - 80	2	1 min	1		€ 30
	SEM - 4L	Ethyl/Methyl/ Tert.Butyl Mercaptans	2.5 - 60	2	1,5 min	1		€ 30
5 - 120			1					
		10 - 240	½					
SEM - 4M	Ethyl/Methyl/ Tert.Butyl Mercaptans	12.5 - 250	2	1,5 min	1		€ 30	
		25 - 500	1					
Ethylene Dibromide	SED - 2	Ethylene Dibromide	0,5 - 25	2	2 min	1	5	€ 30
			1 - 50	1				
			2 - 100	½				
Ethylene Oxide	SEO - 1	Ethylene Oxide	0.1 - 10	4	1,5 min	1	5	€ 30
	SEO - 3	Ethylene Oxide	1 - 100	2	2 min	2		€ 30
	SEO - 7	Ethylene Oxide	0.025 - 1.5%	2	2 min	2		€ 30
			0.05 - 3%	1				
		1,4 Dioxane	0,07 - 4%	1				
Formaldehyde	SFO - 1M	Formaldehyde	0.1 - 5	5	2 min	1		€ 30
	SFO - 3	Formaldehyde	5 - 100	2	2,5 min	1		€ 30
Formic Acid	SFA - 2M	Formic Acid	1 - 15	3	1,5 min	1		€ 30
Furan	SFU - 6	Furan	0.01 - 1%	1	2 min	1		€ 30
Furfural	SFL - 2M	Furfural	1 - 16	4	2 min	2		€ 30
Gasoline	SGA - 6L	Gasoline	300 - 6000	1	2,5 min	1		€ 30
N-Hexane	SHE - 5L	n - Hexane	10 - 1200	1	1,5 min	1		€ 30
	SHE - 6L	n - Hexane	250 - 6000	1	1 min	2		€ 30
Hydrazine	SHY - 1L	Hydrazine	0.1 - 2	5	1 min	2	H	€ 30
Hydro Carbons (PID tubes for VOC's)	SHE - 5L	n - Hexane	10 - 1200	1	1,5 min	1		€ 30
		n - Pentane	7 - 840	1				
		Cyclohexane	14 - 1680	1				
		n-Heptane	15 - 1800	1				
		Octane	23 - 2760	1				
	SHE - 6L	n - Hexane	250 - 6000	1	1 min	2		€ 30
		n - Pentane	85 - 2040	1				
		Cyclohexane	325 - 7800	1				
		n - Heptane	600 - 14.100	1				
		Octane	950 - 22.800	1				
Hydrogen	SHD - 6M	Hydrogen	500 - 8000	½	1 min	1	5	€ 45
Hydrogen Chloride (Hydrochloric Acid)	SHC - 1	Hydrogen Chloride	1 - 10	3	1 min	2		€ 30
	SHC - 2M	Hydrogen Chloride	2 - 20	2	2 min	2	5	€ 30
	SHC - 3	Hydrogen Chloride	5 - 100	1	1 min	1	5	€ 30

	SHC - 4	Hydrogen Chloride	50 - 1000	1	1 min	2		€ 30	
Hydrogen Cyanide	SHN - 2	Hydrogen Cyanide	0.5 - 25	4	1,5 min	2		€ 30	
			1 - 50	2					
			2.5 - 100	1					
	SHN - 3	Hydrogen Cyanide	2.5 - 50	2	1,5 min	2		€ 30	
			5 - 100	1					
	SHN - 4	Hydrogen Cyanide	50 - 1000	1	1 min	2		€ 30	
Hydrogen Fluoride	SHF - 2	Hydrogen Fluoride	0.5 - 30	4	1 min	1	H	€ 30	
Hydrogen Sulphide in CNG	SHS - (1H)	Hydrogen Sulphide	0.25 - 3.5	2	2 min	1	H	€ 30	
			0.5 - 7	1					
			1 - 14	½					
Hydrogen Sulphide	SHS - 1H	Hydrogen Sulphide	0.25 - 3.5	2	2 min	1	H	€ 30	
			0.5 - 7	1					
			1 - 14	½					
		SHS - 1	Hydrogen Sulphide	0.5 - 10	5	1,5 min	2		€ 30
	SHS - 2	Hydrogen Sulphide	0.5 - 15	4	1,5 min	2		€ 30	
			1 - 30	2					
				2 - 60	1				
	SHS - 3L	Hydrogen Sulphide	1.25 - 30	2	1,5 min	2		€ 30	
			2.5 - 60	1					
				5 - 120	½				
	SHS - 3	Hydrogen Sulphide	2.5 - 50	2	1,5 min	2		€ 30	
			5 - 100	1					
				10 - 200	½				
	SHS - 4L	Hydrogen Sulphide	5 - 125	2	1 min	2		€ 30	
			10 - 250	1					
				20 - 500	½				
	SHS - 4	Hydrogen Sulphide	25 - 400	2	2,5 min	2		€ 30	
			50 - 800	1					
				100 - 1600	½				
	SHS - 5M	Hydrogen Sulphide	50 - 1000	2	1,5 min	2		€ 30	
			100 - 2000	1					
				200 - 4000	½				
	SHS - 7M	Hydrogen Sulphide	0.05 - 1%	2	2,5 min	2		€ 30	
			0.1 - 2%	1					
				0.2 - 4%	½				
	SHS - 7	Hydrogen Sulphide	0.25 - 2%	2	1,5 min	2		€ 30	
			0.5 - 4%	1					
			1 - 8%	1					
SHS - 8L	Hydrogen Sulphide	0.1 - 3.5%	2	1,5 min	2		€ 30		
		0.2 - 7%	1						
			0.4 - 14%	½					
SHS - 8M	Hydrogen Sulphide	0.25 - 5%	2	2,5 min	2		€ 30		
		0.5 - 10%	1						
			1 - 20%	1					
SHS - 9	Hydrogen Sulphide	1 - 20%	1	6 min	2		€ 30		
		1 - 20%	1						
			2 - 40%	½					

H2S+SO2	SHS-3L+SS D-1	H2S+SO2	2.5-60 + 0.5-10	1	2 min	1	5	€ 30
Iodine	SAG - 2	Iodine	1.8 - 36	2	1,5 min	1		€ 30
Isopropyl Alcohol (IPA)	SIP -7M	Isopropyl Alcohol	0.1 - 2.5 %	3	1,5 min	2		€ 30
Isopropyl Amine	SIA - 2	Isopropyl Amine	2.5 - 50	1	1,5 min	1		€ 30
Isopropyl Ether	SDE - 6	Diethyl Ether	0.04 - 1%	1	2 min	2		€ 30
		Isopropyl ether	0.013 - 0.34%	3				
Maleic Anhydride	SAA - 2	Maleic Anhydride	1 - 20	1	1 min	1		€ 30
Methanol	SME - 5	Methanol	100 - 5000	1	1,5 min	2		€ 30
	SME - 8L	Methanol	0.05 - 6 %	2	2 min	2		€ 30
Methyl Ethyl Ketone (M.E.K)	SMK - 6L	M.E.K.	0.02 - 0.6%	2	1,5 min	2		€ 30
Methyl Isobutyl Ketone (M.I.B.K.)	SMI -6L	M.I.B.K.	0.02 - 0.6 %	2	1,5 min	2		€ 30
Mercaptans	SBM - 1M	Ethyl/Methyl/ Tert.Butyl Mercaptans	0.5 - 15 mg/m3 (0.13 - 4 ppm)	3	1,5 min	1		€ 30
	SBM - 1	Ethyl/Methyl/ Tert.Butyl Mercaptans	0.5 - 30 mg/m3 (0.13 - 8 ppm)	2	1 min	1		€ 30
	SEM - 2M	Ethyl/Methyl/ Tert.Butyl Mercaptans	0.5 - 10	2	2 min	1		€ 30
			1 - 20	1				
				2 - 40	½			
	SEM - (3L)	Ethyl/Methyl/ Tert.Butyl Mercaptans in LPG	2 - 80	2	1 min	1		€ 30
	SEM - 4L	Ethyl/Methyl/ Tert.Butyl Mercaptans	2.5 - 60	2	1,5 min	1		€ 30
			5 - 120	1				
			10 - 240	½				
SEM - 4M	Ethyl/Methyl/ Tert.Butyl Mercaptans	12.5 - 250	2	1,5 min	1		€ 30	
		25 - 500	1					
Mercury Vapour	SHG- 1L	Mercury Vapour	0.1 - 2 mg/m3	1	2 min	1		€ 30
Methyl Bromide	SMB -2M	Methyl Bromide	0.5 - 1	3	2,5 min	1	5	€ 30
			1 - 18	2				
			2 - 36	1				
			5 - 80	½				
	SMB -3	Methyl Bromide	5 - 50	2	2 min	1	5	€ 30
			10 - 100	1				
				20 - 200	½			
	SMB - 4M	Methyl Bromide	10 - 150	2	1,5 min	1	5	€ 30
			20 - 300	1				
				20 - 600	½			
SMB -4	Methyl Bromide	25 - 500	2	2,5 min	1	5	€ 30	
		50 - 1000	1					
			100 - 2000	½				
	SMC - 3L	Methylene Chloride	10 - 60	2	2,5 min	1	5	€ 30

Methylene Chloride	SMC - 4	Methylene Chloride	30 - 1000	2	2 min	1	5	€ 30
	SMC - 4M	Methylene Chloride	50 - 500	1	2,5 min	1	5	€ 30
Methyl Amine	SMA - 3	Ammonia	4.45 - 89	1	1 min	1		€ 30
		n-Butyl Amine	5 - 100	1				
		Ethanol Amine	18.5 - 370	1				
		Ethyl Amine	4.25 - 85	1				
		Methyl Amine	5 - 100	1				
		Morpholine	10 - 200	1				
		T - Butyl Amine	3.9 - 78	1				
		Triethyl Amine	2.15 - 43	1				
		Trimethyl Amine	1.7 - 43	1				
Cyclohexylamine	6.65 - 133	1						
Methyl Cyclohexane	SMY - 5M	Methyl Cyclohexane	10 - 1600	3	2,5 min	1		€ 30
Methyl Iodide	SMO - 7M	Methyl Iodide	500 - 15000	1	1 min	1		€ 30
Methyl Mercaptan	SBM - 1M	Ethyl/Methyl/ Tert.Butyl Mercaptans	0.5 - 15 mg/m3 (0.13 - 4 ppm)	3	1,5 min	1		€ 30
	SBM - 1	Ethyl/Methyl/ Tert.Butyl Mercaptans	0.5 - 30 mg/m3 (0.13 - 8 ppm)	2	1 min	1		€ 30
	SMM-2M	Ethyl/Methyl/ Tert.Butyl Mercaptans	0.5 - 10	2	1,5 min	1		€ 30
			1 - 20	1				
		2 - 40	½					
	SEM - (3L)	Ethyl/Methyl/ Tert.Butyl Mercaptans in LPG	2 - 80	1	1,5 min	1		€ 30
	SMM - 4L	Ethyl/Methyl/ Tert.Butyl Mercaptans	2.5 - 60	2	1,5 min	1		€ 30
			5 - 120	1				
	10 - 240	½						
SEM - 4M	Ethyl/Methyl/ Tert.Butyl Mercaptans	12.5 - 250	2	1,5 min	1		€ 30	
		25 - 500	1					
Morpholine	SMA - 3	Morpholine	10 - 200	1	1 min	1		€ 30
Multigas Detector: Ammonia Amines Sulphur Dioxide Acetic Acid Hydrogen Chloride Chlorine Nitrogen Dioxide Hydrogen Sulphide Caron Monoxide Phosphine Acetylene Methyl Mercaptan	SMG-1*	For Inorganic Gases	See measuring ranges at www.uniphos.eu	1	1,5 min	1		€ 30
Naphthalene	SHE-5L	Naphthalene	Qualitative	1	1,5 min	1		€ 30
	SHE-6L	Naphthalene	Qualitative	1	1 min	2		€ 30
Nitrogen Dioxide	SND -2	Nitrogen Dioxide	0.5 - 30	2	2 min	1		€ 30

Nitrogen Dioxide	SND - 4	Nitrogen Dioxide	10 – 1000	1	1,5 min	1		€ 30
Nitrogen Oxides (Nitrous Gases/Fumes)	SNO -2M	Nitrogen Oxides	0.5 – 15	2	1,5 min	1		€ 30
	SNO- 4L	Nitrogen Oxides	20 – 250	1	1,5 min	1		
	SNO-5M	Nitrogen Oxides	100 – 2500	1	1,5 min	1		
Nitric Acid	SNA- 2M	Nitric Acid	1 – 20	1	1 min	1	H	€ 30
Oxygen	SOX -9M	Oxygen	3 – 24 %	½	4 min	2	5	€ 30
Ozone	SOZ - 3	Ozone	5 -100	1	1,5 min	2		€ 30
	SOZ- 4M	Ozone	25 - 500	1	1,5 min	2		
Octane	SOC - 5	n-Octane	3 – 23mg/L	1	1,5 min	1		€ 30
n - Pentane	SHE – 5L	n – Hexane	10 – 1200	1	1,5 min	1		€ 30
		n– Pentane	7 – 840	1				
		Cyclohexane	14 – 1680	1				
		n-Heptane	15 – 1800	1				
		Octane	23 – 2760	1				
	SHE – 6L	n – Hexane	250 - 6000	1	1 min	2		€ 30
		n – Pentane	85 - 2040	1				
		Cyclohexane	325 - 7800	1				
		n – Heptane	600 - 14.100	1				
		Octane	950 - 22.800	1				
Phenol	SPE -2M	Phenol	1 – 25	2	2 min	1		€ 30
Phosphine	SPH – 1L	Phosphine	0.05 – 2.5	2	2 min	2		€ 30
			0.1 – 5	1				
	SPH -1M	Phosphine	0.3 – 5	3	1,5 min	2		€ 30
	SPH -1	Phosphine	0.05 – 5	2	1,5 min	2		€ 30
			0.1 –10	1				
	SPH -3	Phosphine	0.2 – 20	½	1,5 min	2		€ 30
			2.5 – 50	2				
	SPH -4	Phosphine	5 –100	1	1,5 min	2		€ 30
			10 – 200	½				
	SPH -5	Phosphine	25 – 500	2	1,5 min	2		€ 30
			50 –1000	1				
	SPH -6M	Phosphine	100 – 2000	½	2 min	2		€ 30
			75 – 1500	1				
	SPH -6M	Phosphine	150 –3000	½	2 min	2		€ 30
150 – 4000			1					
SPH -6M	Phosphine	300 –8000	½	2 min	2		€ 30	
Phosgene	SPG - 1	Phosgene	0.1 – 10	1	2 min	1		€ 30
Pyridine	SPY - 2M	Pyridine	1 – 14	1	1,5 min	2		€ 30
Sulphur Dioxide	SSD -1	Sulphur Dioxide	0.25 – 5	4	1,5 min	1		€ 30
			0.5 – 10	2				
			1 – 20	1				
	SSD -2M	Sulphur Dioxide	0.5 - 12.5	4	1,5 min	2		€ 30
			1 – 25	2				
	SSD -3	Sulphur Dioxide	2 - 50	1	2 min	2		€ 30
			2.5 – 50	2				
			5 –100	1				
			10 – 200	½				
			10 – 150	2				

Sulphur Dioxide	SSD – 4M	Sulphur Dioxide	20 – 300	1	1,5 min	2		€ 30
			40 – 600	½				
	SSD– 6M	Sulphur Dioxide	200 – 3000	1	1,5 min	2		€ 30
	SSD - 5	Sulphur Dioxide	250 - 4000	2	1,5 min	2		€ 30
			500 – 8000	1				
	SSD– 7M	Sulphur Dioxide	0.1 - 1.6%	½	1,5 min	2		€ 30
0.05 - 1.5%			2					
SSD– 7	Sulphur Dioxide	0.1 - 3 %	1	1,5 min	2		€ 30	
		0.2 - 6%	½					
			0.125 - 2,5%	2	1,5 min	2		€ 30
			0.25 – 5%	1				
			0.5 - 10%	½				
Sulphuric Acid	SSA – 1L	Sulphuric Acid	0.5 – 5 mg/m3	5	3 min	1		€ 30
Stoddard Solvent	SSS - 5M	Stoddard Solvent	50 – 8000 mg/m3	1	1 min	1		€ 30
Styrene	SST - 4L	Styrene	20 – 250	1	1 min	1		€ 30
Tert. Butyl Mercaptan	SBM - 1M	Tert. Butyl Mercaptan	0.5 - 15 mg/m3	3	1,5 min	1		€ 30
	SBM - 1	Tert. Butyl Mercaptan	0.5 - 30mg/m3	2	1 min	1		€ 30
	SEM - (3L)	Tert. Butyl Mercaptan in LPG	2 - 80	1	1,5 min	1		€ 30
	SBM - 4L	Tert. Butyl Mercaptan	2.5 - 60	2	1,5 min	1		€ 30
			5 - 120	1				
				10 - 240	½			
			12.5 – 250	2	1,5 min	1		€ 30
			25 – 500	1				
Tetrahydrofuran (THF)	STH -4	Tetrahydrofuran	50–800	2	3,5 min	1		€ 30
Tetrachloroethylene	STE –3	Tetrachloroethylene	2.5 - 50	2	1,5 min	1	5	€ 30
			5 – 100	1				
			10 - 200	½				
Trichloroethylene	SCE –2M	Trichloroethylene	0.5 - 8	4	3 min	1	5	€ 30
			1 – 16	2				
			2 - 32	½				
		SCE -4L	Trichloroethylene	20 – 250	1	1,5 min	1	5
	SCE – 6	Trichloroethylene	0.05 – 1 %	1	3 min	1	5	€ 30
Tri Ethyl Amine	SMA – 3	Ammonia	4.45 – 89	1	1 min	1		€ 30
		n–Butyl Amine	5 – 100	1				
		Ethanol Amine	18.5 – 370	1				
		Ethyl Amine	4.25 – 85	1				
		Methyl Amine	5 – 100	1				
		Morpholine	10 - 200	1				
		T - Butyl Amine	3.9 - 78	1				
		Triethyl Amine	2.15 - 43	1				
		Trimethyl Amine	1.7 - 43	1				
		Cyclohexylamine	6.65 – 133	1				
		Ammonia	4.45 – 89	1				
		n–Butyl Amine	5 – 100	1				
		Ethanol Amine	18.5 – 370	1				

Tri Methyl Amine	SMA – 3	Ethyl Amine	4.25 – 85	1	1 min	1		€ 30
		Methyl Amine	5 – 100	1				
		Morpholine	10 - 200	1				
		T - Butyl Amine	3.9 - 78	1				
		Triethyl Amine	2.15 - 43	1				
		Trimethyl Amine	1.7 - 43	1				
		Cyclohexylamine	6.65 – 133	1				
Toluene (Methyl Benzene)	STO – 2	Toluene	1 – 25	4	1 min	1		€ 30
			2 – 50	2				
			4–100	1				
	STO – 4M	Toluene	10–300	1	1,5 min	2		€ 30
UDMH	SHY – 1L	UDMH	0.1 – 2	5	1 min	2	H	€ 30
Vinyl Chloride	SVC -2M	Vinyl Chloride	1 – 20	2	2 min	1	5	€ 30
	SVC – 6	Vinyl Chloride	0.05-1%	2	1 min	1	5	€ 30
Water Vapour	SWA – 4L	Water Vapour	0.016 – 0.08 mg/l	4	1,5 min	1		€ 30
			0.032 – 0.16 mg/l	2				
			0.064 – 0.32 mg/l	1				
	SWA - 4	Water Vapour	0.048 – 0.32 mg/l	2	1,5 min	1		€ 30
			0.096 – 0.64 mg/l	1				
	SWA - 5	Water Vapour	0.1 – 2 mg/l	1	1 min	1		€ 30
	SWA – 7M	Water Vapour	1 – 18 mg/l	1	1 min	1		€ 30
SWA – 7	Water Vapour	1 – 30 mg/l	1	1 min	1		€ 30	
Xylene	SXY – 4	Xylene	25 – 1000	1	2,5 min	2		€ 30
			50 - 2000	½				

***Note:**
5 = 5 measurements
T = Temperature correction needed (see manual)
H = Humidity correction needed (see manual)
Red marked boxes = Actual printed scale on tube (with tubes that have an extended range).

Air Sampling Pumps for Tubes

Air Sampling Pump ASP-40 Kit (incl. carrying bag, spare connectors, maintenance grease)	UNI-CF000769	100cc	€ 220
Plastic Air Sampling Pump ASP-11p Kit (incl. spare connectors, maintenance grease)	UNI-CF000161	100cc	€ 25,50
Air Sampling Pump ASP-40 (Rental per week)	UNI-CF000769		€ 25



Optional Accessoires			
One Hand Operation Pump Adapter for ASP-40	UNI-CF001769		€ 143
Hot Probe for measuring in max. 600°C for ASP-40	UNI-CF002769		€ 183
Indestructible Transport/Presentation Case	UNI-200140024	30,5 x 23 x 13,2 cm	€ 161
Gas Detection Shoulder Bag <i>(incl. with ASP-40 purchase)</i>	UNI-CF0001610		€ 20
Extension Hose for Tubes	UNI-010-3009-015	5 meter	€ 115
Extension Hose for Tubes	UNI-010-3009-035	11 meter	€ 164
Extension Hose for Tubes <i>(custom made)</i>		~	€ 164 + € 10 p/m
Container Fumigation Probe <i>(Carbon material)</i>		100 cm	€ 196
Container Fumigation Probe <i>(RVS material)</i> + extra valve for the use of a pumped Gas Detector & Gas Detection Tubes		40 cm	€ 270
Tedlar Gas Bag	FAC-FD02-01	1 liter	€ 13
Tip Cutter Reservoir	UNI-010-203-000		€ 20
Gas Cylinder		Liters differs	Differs
Demand Flow Regulator			€ 242
UNIPHOS Product Training		~	€ 200 p/h



Breath Alcohol Testers			
Breath Alcohol Measuring Kit (10pcs)	UNI-CF000165	0 - 0,5 BAC	€ 30


Air Flow Smoke Tubes

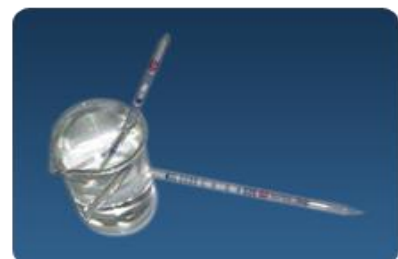
Air Flow Smoke Tubes (10 pcs)	UNI-CF000732	---	€ 30
Air Flow Bulb	UNI-CF088888	---	€ 10


Charcoal Adsorption Tubes for organic gases

Sealed Charcoal Tubes (50 pcs)	UNI-CF000162	STANDARD 50/100mg	€ 50,00
Sealed Charcoal Tubes (50 pcs)	UNI-CF000163	LARGE 200/400mg	€ 73,50
Sealed Charcoal Tubes (50 pcs)	UNI-CF000164	JUMBO 200/800mg	€ 91
Open End Charcoal Tubes (50 pcs)	UNI-CF000114	STANDARD 50/100mg	€ 56,50
Open End Charcoal Tubes (50 pcs)	UNI-CF000116	LARGE 200/400mg	€ 80
Open End Charcoal Tubes (50 pcs)	UNI-CF000118	JUMBO 200/800mg	€ 98

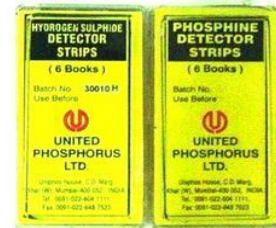

Dosimeter Tubes for TWA measurements

Dosimeter Ammonia (10 pcs)	LAM-2	25 - 500 ppm/hr	€ 30
Dosimeter Carbon Dioxide (10 pcs)	LCD-2	(5-120) x 10 ³ ppm/hr	€ 30
Dosimeter Oxygen (10 pcs)	LOX-1	(1-100) x 150 ppm/hr	€ 30
Dosimeter Phosphine - LPG 1 (10 pcs)	LPG-1	(1-200) x 10 ³ ppm/hr	€ 30
Dosimeter Phosphine - LPG 2 (10 pcs)	LPG-2	(1-200) x 10 ² ppm/hr	€ 30


Dissolved Ion Detector Tubes in liquid

Dissolved Ion Detector: SULPHIDE ION (10 pcs)	DSU - 2M	0.5 - 20 ppm	€ 30
Dissolved Ion Detector: SULPHIDE ION (10 pcs)	DSU - 3	1 - 100 ppm	€ 30
Dissolved Ion Detector: SULPHIDE ION (10 pcs)	DSU - 4M	2 - 300 ppm	€ 30
Dissolved Ion Detector: CHLORIDE ION (10 pcs)	DCL -4L	5 - 200 ppm	€ 30

Dissolved Ion Detector: CHLORIDE ION (10 pcs)	DCL -5M	10 - 2000 ppm	€ 30
---	---------	---------------	------



Detector Strips			
Detector Strips: ARSINE	UNI-CF000155	0.05 - 3 ppm	€ 44,50
Detector Strips: HYDROGEN CYANIDE	UNI-CF000156	1 - 20 ppm	€ 44,50
Detector Strips: HYDROGEN SULPHIDE	UNI-CF000157	1 - 20 ppm	€ 44,50
Detector Strips: MERCAPTAN	UNI-CF000158	0.5 - 10 ppm	€ 44,50
Detector Strips: PHOSPHINE	UNI-CF000159	0.3 - 10 ppm	€ 44,50

Industry Action Discount Kits <i>(own choice of measuring range)</i>

Fumigation Kit	
4x Methyl Bromide	€ 640,20
4x 1,2 Dichloroethane	
4x Benzene	
3x Chloropicrine	
4x Formaldehyde	
3x Ammonia	

Marine Kit	
5x General Hydrocarbons	€ 727,50
4x Carbon Monoxide	
4x Carbon Dioxide	
4x Oxygen	
4x Hydrogen Sulphide	
4x Nitrogen Oxides	

Petroleum Kit	
4x Hydrogen Sulphide	€ 640,20
4x Carbon Monoxide	
4x Benzene	
3x General Hydrocarbons	
4x Water Vapour	
3x Ethyl/Methyl/Tert. Butyl Mercaptan	

Soil Remediation Kit	
4x Benzene	€ 523,80
4x Toluene	
3x Ethyl Benzene	
3x Xylene	
2x Vinyl Chloride	
2x Mercury Vapour	

Agricultural Kit	
8x Ammonia	€ 436,50
3x Oxygen	
4x Carbon Dioxide	

Important information

Tubes Storage: For a longer period of time, tubes should always be stored at a temperature below 10 C temperature, and some tubes even below 5 °C. You can find this information on the back of each box and in the manual.

Warranty: The ASP-40 Air Sampling Pump will be provided with a 5 year warranty.

Payment: Payment shall be done within 30 days netto from day of order.

General Conditions of Delivery: The General Conditions of Delivery issued by FHI, Federation of Technology Branches, will be applied on all our transactions, as filed with the Clerk of the District Court of Utrecht and at the Chamber of Commerce in Amersfoort, under the number of 40507574. Exceptions are only valid after written confirmation.

Batch No.: From each dispatched package of gas detection tubes, we will hold one package per batch number as a reference at the location where the package has been dispatched from. To be sure every product we dispatch works properly, we test every batch number before dispatching.

Discarding Tubes: To protect and keep our environment clean of chemical waste, gas detection tubes should always be discarded with the Small Chemical Waste according to local regulations.