WHAT IS THE DRAEGER-TUBE® SYSTEM?

DrägerTubes® are glass vials filled with a chemical reagent that reacts to a specific chemical or family of chemicals. A calibrated 100 ml sample of air is drawn through the tube with the Dräger accuro® bellows pump. If the targeted chemical(s) is present the reagent in the tube changes color and the length of the color change typically indicates the measured concentration. The DrägerTubes® System is the world's most popular form of gas detection.

DRÄGER SHORT-TERM DETECTION TUBES

Dräger-Tube®	Measuring Range	Part No.
Acetaldehyde 100/a	100-1,000 ppm	67 26 665
Acetic Acid 5/a	5-80 ppm	67 22 101
Acetone 40/a	40-800 ppm	81 03 381
Acetone 100/b	100-12,000 ppm	CH 22 901
Acid Test	Qualitative	81 01 121
Acrylonitrile 0.5/a (5)	0.5-20 ppm	67 28 591
Air Current Tube Kit		40 54 388
Air Current Tubes		CH 25 301
Alcohol 25/a	50-4,000 ppm Isopropanol 25-5,000 ppm Methanol	81 01 631
Alcohol 100/a	100-3,000 ppm	CH 29 701
Amine Test	Qualitative	81 01 061
Ammonia 0.25/a	0.25-3 ppm	81 01 711
Ammonia 2/a	2-30 ppm	67 33 231
Ammonia 5/b	2.5-100 ppm	81 01 941
Ammonia 5/a	**5-700 ppm**	**CH 20 501**
Ammonia 0.5%/a	0.05-10 Vol.%	CH 31 901
Aniline 0.5/a	0.5-10 ppm	67 33 171
Aniline 5/a	1-20 ppm	CH 20 401
Arsine 0.05/a	0.05-60 ppm	CH 25 001
Benzene 0.5/a	0.5-10 ppm	67 28 561
Benzene 0.5/c (5) specific	0.5-10 ppm	81 01 841
Benzene 2/a (5)	2-60 ppm	81 01 231
Benzene 5/b	5-50 ppm	67 28 071
Benzene 15/a	15-420 ppm	81 01 741
Carbon Dioxide 100/a	100-3,000 ppm	81 01 811
Carbon Dioxide 0.1%/a	**0.1-6 Vol.%**	**CH 23 501**
Carbon Dioxide 0.5%/a	0.5-10 Vol.%	CH 31 401
Carbon Dioxide 1%/a	1-20 Vol.%	CH 25 101
Carbon Dioxide 5%/A	5-60 Vol.%	CH 20 301
Carbon Disulfide 3/a	3-95 ppm	81 01 891
Carbon Disulfide 30/a	32-3,200 ppm	CH 23 201
Carbon Monoxide 2/a	2-300 ppm	67 33 051
Carbon Monoxide 5/c	**5-700 ppm**	**CH 25 601**
Carbon Monoxide 8/a (only for CO in H_2)	8-150 ppm	CH 19 701
Carbon Monoxide 10/b	10-3,000 ppm	CH 20 601
Carbon Monoxide 10/d	10-3,000 ppm	81 03 321
Carbon Monoxide 0.3%/b	0.3-7 Vol.%	CH 29 901
Carbon Pretubes		CH 24 101
Carbon Tetrachloride 0.1/a	0.1-5 ppm	81 03 501
Carbon Tetrachloride 1/a (5)	1-15 ppm	81 01 021
Carbon Tetrachloride 5/c	5-50 ppm	CH 27 401
Chlorine 0.2/a	0.2-30 ppm	CH 24 301
Chlorine 0.3/b	0.3-10 ppm	67 28 411
Chlorine 50/a	50-500 ppm	CH 20 701
Chlorine Dioxide 0.025/a	0.025-3 ppm	81 03 491

Dräger-Tube®	Measuring Range	Part No.
Chlorobenzene 5/a (5)	5-200 ppm	67 28 761
Chloroform 2/a (5)	2-10 ppm	67 28 861
Chloroformates 0.2/b	0.2-10 ppm	67 18 601
Chloropicrin 0.1/a	0.1-2 ppm	81 03 421
Chloroprene 5/a	5-60 ppm	67 18 901
Chromic Acid 0.1/a (9)	0.1-0.5 mg/m³	67 28 681
Cyanide 2/a	2-15 mg/m³	67 28 791
Cyanogen Chloride 0.25/a	0.25-5 ppm	CH 19 801
Cyclohexane 100/a	100-1,500 ppm	67 25 201
Cyclohexylamine 2/a	2-30 ppm	67 28 931
Dichloropropene 0.1/a	0.1-10 ppm	81 03 551
Diesel Fuel	25-200 mg/m³	81 03 475
Diethyl Ether 100/a	100-4,000 ppm	67 30 501
Dimethyl Formamide 10/b	10-40 ppm	67 18 501
Dimethyl Sulfate 0.005/c (9)	0.005-0.05 ppm	67 18 701
Dimethyl Sulfide 1/a (5)	1-15 ppm	67 28 451
Epichlorohydrin 5/c	5-80 ppm	67 28 111
Ethyl Acetate 200/a	200-3,000 ppm	CH 20 201
Ethyl Benzene 30/a	30-600 ppm	67 28 381
Ethylene 0.1/a (5)	0.2-5 ppm	81 01 331
Ethylene 50/a	50-2,500 ppm	67 28 051
Ethylene Glycol 10 (5)	10-180 mg/m³	81 01 351
Ethylene Oxide 1/a (5)	1-15 ppm	67 28 961
Ethylene Oxide 25/a	25-500 ppm	67 28 241
Ethyl Formate 20/a	20-500 ppm	81 03 541
Ethyl Glycol Acetate 50/a	50-700 ppm	67 26 801
Fluorine 0.1/a	0.1-2 ppm	81 01 491
Formaldehyde 0.2/a	0.2-5 ppm	67 33 081
Formaldehyde Activation tube (for use only in conjunction with 0.2/a tube)	extend to 0.04 ppm	81 01 141
Formaldehyde 2/a	2-40 ppm	81 01 751
Formic Acid 1/a	1-15 ppm	67 22 701
Halogenated Hydrocarbons 100/a	100-2,800 ppm	81 01 601
Hexane 100/a	50-3,000 ppm	67 28 391
Hydrazine 0.01/a	0.01-6 ppm	81 03 351
Hydrazine 0.25/a	0.1-10 ppm	CH 31 801
Hydrocarbons 0.1%/c	0.1-1.3 Vol. %	81 03 571
Hydrocarbons 2/a	2-24 mg/l	81 03 581
Hydrochloric Acid 0.2/a	0.2-20 ppm	81 03 481
Hydrochloric Acid 1/a	1-10 ppm	CH 29 501
Hydrochloric Acid 50/a	50-5,000 ppm	67 28 181
Hydrochloric Acid/Nitric Acid 1/a 1-15 ppm (HNO_3)	1-10 ppm (HCL)	81 01 681
Hydrocyanic Acid 2/a	2-150 ppm	CH 25 701
Hydrogen 0.2%/a	0.2-2 Vol. %	81 01 511

Number in parenthesis indicates tests per box.
Bold font indicates SEI Certification

Dräger-Tube®	Measuring Range	Part No.
Hydrogen Fluoride 0.5/a	0.5-90 ppm	81 03 251
Hydrogen Peroxide 0.1/a	0.1-3 ppm	81 01 041
Hydrogen Sulfide 0.2/a	0.2-5 ppm	81 01 461
Hydrogen Sulfide 0.2/b	0.2-6 ppm	81 01 991
Hydrogen Sulfide 0.5/a	0.5-15 ppm	67 28 041
Hydrogen Sulfide 1/d	**1-200 ppm**	**81 01 831**
Hydrogen Sulfide 2/a	2-200 ppm	67 28 821
Hydrogen Sulfide 2/b	1-60 ppm	81 01 961
Hydrogen Sulfide 5/b	5-600 ppm	CH 29 801
Hydrogen Sulfide 100/a	100-2,000 ppm	CH 29 101
Hydrogen Sulfide 0.2%/A	0.2-7 Vol. %	CH 28 101
Hydrogen Sulfide 2%/a	2-40 Vol. %	81 01 211
Hydrogen Sulfide + Sulfur Dioxide 0.2%/A	0.02-7 Vol. %	CH 28 201
Iodine 0.1/a	0.1-6 ppm	81 03 521
Mercaptan 0.1/a	0.1-2.5 ppm	81 03 281
Mercaptan 0.5/a	0.5-5 ppm	67 28 981
Mercaptan 20/a	20-100 ppm	81 01 871
Mercury Vapor 0.1/b	0.05-2 mg/m³	CH 23 101
Methyl Acrylate 5/a	5-200 ppm	67 28 161
Methyl Bromide 0.2/a	0.2-8 ppm	81 03 391
Methyl Bromide 0.5/a	0.5-30 ppm	81 01 671
Methyl Bromide 5/b	5-50 ppm	CH 27 301
Methylisothiocyanate 0.1/a	0.1-6 ppm	81 03 485
Methylene Chloride 100/a	100-2,000 ppm	67 24 601
Natural Gas Test (Methane)(5)	Qualitative	CH 20 001
Nickel Tetracarbonyl 0.1/a (9)	0.1-1 ppm	CH 19 501
Nitric Acid 1/a	1-50 ppm	67 28 311
Nitrogen Dioxide 0.5/c	**0.5-25 ppm**	**CH 30 001**
Nitrogen Dioxide 2/c	2-100 ppm	67 19 101
Nitrous Fumes 0.5/a	0.5-10 ppm	CH 29 401
Nitrous Fumes 2/a	2-100 ppm	CH 31 001
Nitrous Fumes 20/a	20-500 ppm	67 24 001
Nitrous Fumes 50/a	50-2,000 ppm	81 01 921
Nitrous Fumes 100/c	100-5,000 ppm	CH 27 701
Oil Mist 1/a	1-10 mg/m³	67 33 031
Olefins 0.05%/a	0.06-3.2 Vol.% Propylene 0.04-2.4 Vol.% Butylene	CH 31 201
Organic Arsenic Compounds and Arsine	3 mg org. arsenic/m³	CH 26 303
Organic Basic Nitrogen Compounds	1 mg/m³	CH 25 903
Oxygen 5%/C	5-23 Vol. %	81 03 261
Ozone 0.05/b	0.05-1.4 ppm	67 33 181
Ozone 10/a	10-300 ppm	CH 21 001
Pentane 100/a	100-1,500 ppm	67 24 701
Perchloroethylene 0.1/a	0.1-4 ppm	81 01 551
Perchloroethylene 2/a	2-300 ppm	81 01 501
Perchloroethylene 10/b	10-500 ppm	CH 30 701
Petroleum Hydrocarbons 10/a	10-300 ppm (n-Octane)	81 01 691
Petroleum Hydrocarbons 100/a	100-2,500 ppm (n-Octane)	67 30 201
Phenol 1/b	1-20 ppm	81 01 641
Phosgene 0.02/a	0.02-1 ppm	81 01 521
Phosgene 0.25/c	0.25-15 ppm	CH 28 301
Phosphine 0.01/a	0.01-1 ppm	81 01 611
Phosphine 0.1/a	0.1-4 ppm	CH 31 101
Phosphine 0.1/b in acetylene	0.1-15 ppm	81 03 341
Phosphine 1/a	1-100 ppm	81 01 801
Phosphine 25/a	25-10,000 ppm	81 01 621
Phosphine 50/a	15-1,000 ppm	CH 21 201
Phosphoric Acid Esters 0.05/a Dimethyldichlorovinylphosphate)	0.05 ppm	67 28 461
Polytest	Qualitative	CH 28 401
Pyridine 5/A	5 ppm	67 28 651
Styrene 10/a	10-200 ppm	67 23 301
Styrene 10/b	10-250 ppm	67 33 141
Styrene 50/a	50-400 ppm	CH 27 601
Sulfur Dioxide 0.1/a	0.1-3 ppm	67 27 101
Sulfur Dioxide 0.5/a	0.5-25 ppm	67 28 491
Sulfur Dioxide 1/a	1-25 ppm	CH 31 701
Sulfur Dioxide 20/a	20-2,000 ppm	CH 24 201
Sulfur Dioxide 50/b	50-8,000 ppm	81 01 531
Sulfuric Acid 1/a (9)	1-5 mg/m³	67 28 781
Sulfuryl Fluoride 1/a (5)	1-5 ppm	81 03 471
Tetrahydrothiophene 1/b (5)	1-10 ppm	81 01 341
Thioether	1 mg/m³	CH 25 803
Toluene 5/b	5-300 ppm	81 01 661
Toluene 50a	50-400 ppm	81 01 701
Toluene 100/a	100-1,800 ppm	81 01 731
Toluene Diisocyanate 0.02/A (9)	0.02-0.2 ppm	67 24 501
Trichloroethane 50/d (5)	50-600 ppm	CH 21 101
Trichloroethylene 2/a	2-250 ppm	67 28 541
Trichloroethylene 50/a	50-2,000 ppm	81 01 701
Triethylamine 5/a	5-60 ppm	67 18 401
Vinyl Chloride 0.5/b	0.5-30 ppm	81 01 721
Vinyl Chloride 100/a	100-3,000 ppm	CH 19 601
Water Vapor 0.1/a	0.05-1 mg/L	81 01 321
Water Vapor 1/b	1-40 mg/L	81 01 781
Water Vapor 3/a	3-60 lbs/mcf	81 03 031
Xylene 10/a	10-400 ppm	67 33 161

Consult the VOICE® Hazardous Substances Database for detection options on over 1700 chemicals. Access VOICE® at www.draeger.com