

DRÄGER · ÖLÇÜM TÜPLERİ VE POMPALAR · KISA SÜRELİ ÖLÇÜM TÜPÜ

Dräger Kısa Süreli Ölçüm Tüpleri

Seri: Dräger Gaz Ölçüm Tüpleri



Kısa süreli ölçüm için Dräger tüpleri, havada, suda ve toprakta kirleticileri hızlı ve ekonomik biçimde belirlemek için dünya çapında çok verimli ve güvenilir bir yöntem olarak kabul edilir. Anlık konsantrasyonların hedefli ölçümü için 220'den fazla farklı tüp bulunur ve bunlarla 500'den fazla gaz ölçülebilir. Ölçüm süresi genellikle yaklaşık 5 saniye ile 15 dakika arasındadır ve sonuç ölçümün sonunda doğrudan görülür. Tüpler örneğin yerinde ölçüm ve anlık konsantrasyonların hedefli ölçümü, solunum bölgesinde kişisel maruziyetin belirlenmesi, boru hatlarında kaçak tespiti, emisyon ve imisyon ölçümü ile kapalı alanlara giriş öncesi ölçümlerde kullanılır. Ölçümler Dräger Accuro gaz dedektör pompasıyla elle veya Dräger Accuro 2000 otomatik pompasıyla yapılır. Uygun tüp, ölçülecek maddeye göre seçilir.

- 01 500'den fazla farklı gazı ölçebilir
- 02 220'den fazla farklı kısa süreli ölçüm tüpü
- 03 Sonuç ölçümün sonunda doğrudan görülür
- 04 Ölçüm süresi 5 saniye ile 15 dakika arası
- 05 Accuro ile elle, Accuro 2000 ile otomatik ölçüm

Teknik bilgi

MARKA	Dräger
MODEL	Dräger Kısa Süreli Ölçüm Tüpleri
UYUMLU POMPA / TÜP / DEDEKTÖR	Dräger Accuro · Dräger Accuro 2000

Tüp listesi

SİPARİŞ KODU	TÜP ADI	ÖLÇÜM ARALIĞI	GENİŞLETİLMİŞ ARALIK	MADDE	AÇIKLAMA
6726665	Acetaldehyde 100/a	100 – 1000 ppm	—	Acetaldehyde	—
6722101	Acetic Acid 5/a	5 – 80 ppm	—	Acetic Acid	—
8103381	Acetone 40/a	40 – 800 ppm	—	Acetone	—

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CH22901	Acetone 100/b	100 – 12000 ppm	—	Acetone	—
8101121	Acid Test	—	—	Acid Test	Asidik gazların nitel tespiti
8103701	Acrylonitrile 0.2/a	0.2 – 4 ppm / 5 – 50 ppm	—	Acrylonitrile	—
3740290	Alcohol 10/a	500 – 5000 ppm / 10 – 500 ppm	—	Alcohol	Metanol, etanol, izopropanol ve n-butanol
8101061	Amine Test	—	—	Amine Test	Bazik tepkimeli gazların nitel tespiti
8101711	Ammonia 0.25/a	0.25 – 3 ppm	—	Ammonia	—
6733231	Ammonia 2/a	2 – 30 ppm	—	Ammonia	—
CH20501	Ammonia 5/a	5 – 70 ppm / 50 – 700 ppm	—	Ammonia	—
8101941	Ammonia 5/b	5 – 100 ppm	2.5 – 50 ppm	Ammonia	—
CH31901	Ammonia 0.5 %/a	0.5 – 10 Vol%	0.05 – 1 Vol%	Ammonia	—
6733171	Aniline 0.5/a	0.5 – 10 ppm	—	Aniline	—
CH25001	Arsine 0.05/a	0.05 – 3 ppm	—	Arsine	—
8103691	Benzene 0.25/a	0.25 – 2 ppm / 2 – 10 ppm	—	Benzene	—
8101231	Benzene 2/a	2 – 60 ppm	—	Benzene	—
6718801	Benzene 5/a	5 – 40 ppm	—	Benzene	—
6728071	Benzene 5/b	5 – 50 ppm	—	Benzene	—
8101741	Benzene 15/a	15 – 420 ppm	—	Benzene	—
8101811	Carbon Dioxide 100/a	100 – 3000 ppm	—	Carbon Dioxide	—
CH23501	Carbon Dioxide 0.1 %/a	0.5 – 6 Vol% / 0.1 – 1.2 Vol%	—	Carbon Dioxide	—
CH31401	Carbon Dioxide 0.5 %/a	0.5 – 10 Vol%	—	Carbon Dioxide	—
CH25101	Carbon Dioxide 1 %/a	1 – 20 Vol%	—	Carbon Dioxide	—
CH20301	Carbon Dioxide 5 %/A	5 – 60 Vol%	—	Carbon Dioxide	—
8101891	Carbon Disulfide 3/a	3 – 95 ppm	—	Carbon Disulfide	—
6728351	Carbon Disulfide 5/a	5 – 60 ppm	—	Carbon Disulfide	—
CH23201	Carbon Disulfide 30/a	0.1 – 10 mg/L	—	Carbon Disulfide	—
6733051	Carbon Monoxide 2/a	2 – 60 ppm / 25 – 300 ppm	—	Carbon Monoxide	—

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CH25601	Carbon Monoxide 5/c	100 – 700 ppm / 5 – 150 ppm	—	Carbon Monoxide	—
CH19701	Carbon Monoxide 8/a	8 – 150 ppm	—	Carbon Monoxide	Hidrojen içindeki CO
CH20601	Carbon Monoxide 10/b	100 – 3000 ppm / 10 – 300 ppm	—	Carbon Monoxide	—
CH29901	Carbon Monoxide 0.3 %/b	0.3 – 7 Vol%	—	Carbon Monoxide	—
8103501	Carbon Tetrachloride 0.1/a	0.1 – 5 ppm	—	Carbon Tetrachloride	—
8101021	Carbon Tetrachloride 1/a	1 – 15 ppm / 10 – 50 ppm	—	Carbon Tetrachloride	—
CH24301	Chlorine 0.2/a	0.2 – 3 ppm / 3 – 30 ppm	—	Chlorine	—
CH20701	Chlorine 50/a	50 – 500 ppm	—	Chlorine	—
8103491	Chlorine Dioxide 0.025/a	0.1 – 1 ppm / 0.025 – 0.1 ppm	—	Chlorine Dioxide	—
6728761	Chlorobenzene 5/a	5 – 200 ppm	—	Chlorobenzene	—
6728861	Chloroform 2/b	2 – 10 ppm / 20 – 80 ppm	—	Chloroform	—
6718601	Chloroformic Acid Ester 0.2/b	0.2 – 10 ppm	—	Chloroformic Acid Ester	—
8103911	Chloromethane 10/a	10 – 100 ppm	—	Chloromethane	—
8103421	Chloropicrin 0.1/a	0.1 – 2 ppm	—	Chloropicrin	—
6718901	Chloroprene 5/a	5 – 60 ppm	—	Chloroprene	—
6728681	Chromic Acid 0.1/a	0.1 – 0.5 mg/m ³	—	Chromic Acid	Renk standardıyla karşılaştırılarak okunur
6728791	Cyanide 2/a	2 – 15 mg/m ³	—	Cyanide	—
CH19801	Cyanogen Chloride 0.25/a	0.25 – 5 ppm	—	Cyanogen Chloride	—
8103671	Cyclohexane 40/a	40 – 200 ppm / 300 – 3000 ppm	—	Cyclohexane	—
6728931	Cyclohexylamine 2/a	2 – 30 ppm	—	Cyclohexylamine	—
6730501	Diethyl Ether 100/a	100 – 4000 ppm	—	Diethyl Ether	—
6718501	Dimethyl Formamide 10/b	10 – 40 ppm	—	Dimethyl Formamide	—
6718701	Dimethyl sulfate 0.005/c	0.005 – 0.05 ppm	—	Dimethyl sulfate	Renk standardıyla karşılaştırılarak okunur
6728451	Dimethyl Sulfide 1/a	1 – 15 ppm	—	Dimethyl Sulfide	—

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8103761	Ethanol 100/a	100 – 3000 ppm	—	Ethanol	—
CH20201	Ethyl Acetate 200/a	200 – 3000 ppm	—	Ethyl Acetate	—
6728381	Ethylbenzene 30/a	30 – 400 ppm	45 – 600 ppm	Ethylbenzene	—
8101331	Ethylene 0.1/a	0.2 – 5 ppm	—	Ethylene	—
6728051	Ethylene 50/a	50 – 2500 ppm	—	Ethylene	—
8101351	Ethylene Glycol 10	10 – 180 mg/m ³ (4 – 70 ppm)	—	Ethylene Glycol	—
6728961	Ethylene Oxide 1/a	1 – 15 ppm	—	Ethylene Oxide	—
6728241	Ethylene Oxide 25/a	25 – 500 ppm	—	Ethylene Oxide	—
6728111	Epichlorohydrin 5/c	5 – 80 ppm	—	Epichlorohydrin	—
8101491	Fluorine 0.1/a	0.1 – 2 ppm	0.05 – 1 ppm	Fluorine	—
6733081	Formaldehyde 0.2/a	0.5 – 5 ppm / 0.2 – 2.5 ppm	0.1 – 1.25 ppm / 0.05 – 0.63 ppm / 0.04 – 0.5 ppm	Formaldehyde	Genişletilmiş aralık aktivasyon tüpüyle (81 01 141)
8101751	Formaldehyde 2/a	2 – 40 ppm	—	Formaldehyde	—
6722701	Formic Acid 1/a	1 – 15 ppm	—	Formic Acid	—
8101691	Petroleum Hydrocarbons 10/a	10 – 300 ppm	—	Petroleum Hydrocarbons	n-oktan olarak
6730201	Petroleum Hydrocarbons 100/a	100 – 2500 ppm	—	Petroleum Hydrocarbons	n-oktan olarak
8101601	Halogenated Hydrocarbons 100/a	200 – 2600 ppm (R 113 / R 114) / 100 – 1400 ppm (R 11)	—	Halogenated Hydrocarbons	Renk değişimi mm olarak okunur ve kalibrasyon föyüyle karşılaştırılır
8103681	Hexane 10/a	10 – 200 ppm / 200 – 2500 ppm	—	Hexane	—
8103351	Hydrazine 0.01/a	0.01 – 0.4 ppm / 0.5 – 6 ppm	—	Hydrazine	—
CH31801	Hydrazine 0.25/a	0.25 – 10 ppm / 0.1 – 5 ppm	—	Hydrazine	—
8103581	Hydrocarbon 2/a	2 – 24 mg/L	—	Hydrocarbon	—
8103571	Hydrocarbon 0.1 %/c	0.1 – 1.3 Vol%	—	Hydrocarbon	Propan, bütan ve 1:1 karışımı
8103481	Hydrochloric Acid 0.2/a	0.2 – 3 ppm / 3 – 20 ppm	—	Hydrochloric Acid	—
CH29501	Hydrochloric Acid 1/a	1 – 10 ppm	—	Hydrochloric Acid	—
6728181	Hydrochloric Acid 50/a	500 – 5000 ppm / 50 – 500 ppm	—	Hydrochloric Acid	—

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8101681	Hydrochloric Acid/Nitric Acid 1/a	HCl 1 – 10 ppm / HNO ₃ 1 – 15 ppm	—	Hydrochloric Acid/Nitric Acid	—
8103601	Hydrocyanic Acid 0.5/a	0.5 – 5 ppm / 5 – 50 ppm	—	Hydrocyanic Acid	—
8101511	Hydrogen 0.2 %/a	0.2 – 2.0 Vol%	—	Hydrogen	—
CH30901	Hydrogen 0.5 %/a	0.5 – 3.0 Vol%	—	Hydrogen	—
8103251	Hydrogen Fluoride 0.5/a	0.5 – 15 ppm / 10 – 90 ppm	—	Hydrogen Fluoride	—
CH30301	Hydrogen Fluoride 1.5/b	1.5 – 15 ppm	—	Hydrogen Fluoride	—
8101041	Hydrogen Peroxide 0.1/a	0.1 – 3 ppm / 1 ppm	—	Hydrogen Peroxide	—
8101461	Hydrogen Sulfide 0.2/a	0.2 – 5 ppm	—	Hydrogen Sulfide	—
8101991	Hydrogen Sulfide 0.2/b	0.2 – 6 ppm	—	Hydrogen Sulfide	—
6728041	Hydrogen Sulfide 0.5/a	0.5 – 15 ppm / 5 – 150 ppm	—	Hydrogen Sulfide	—
6719001	Hydrogen Sulfide 1/c	10 – 200 ppm / 1 – 20 ppm	—	Hydrogen Sulfide	—
8101831	Hydrogen Sulfide 1/d	10 – 200 ppm / 1 – 20 ppm	—	Hydrogen Sulfide	—
6728821	Hydrogen Sulfide 2/a	20 – 200 ppm / 2 – 20 ppm	—	Hydrogen Sulfide	—
8101961	Hydrogen Sulfide 2/b	2 – 60 ppm	1 – 30 ppm	Hydrogen Sulfide	—
CH29801	Hydrogen Sulfide 5/b	5 – 60 ppm	50 – 600 ppm	Hydrogen Sulfide	—
CH29101	Hydrogen Sulfide 100/a	100 – 2000 ppm	—	Hydrogen Sulfide	—
CH28101	Hydrogen Sulfide 0.2 %/A	0.2 – 7 Vol%	—	Hydrogen Sulfide	—
8101211	Hydrogen Sulfide 2 %/a	2 – 40 Vol%	—	Hydrogen Sulfide	—
CH28201	Hydrogen Sulfide + Sulfur Dioxide 0.2 %/A	0.2 – 7 Vol%	0.02 – 0.7 Vol%	Hydrogen Sulfide + Sulfur Dioxide	—
8103521	Iodine 0.1/a	0.1 – 0.6 ppm / 1 – 5 ppm	—	Iodine	—
8103741	i-Propanol 50/a	50 – 4000 ppm	—	i-Propanol	—
8103281	Mercaptan 0.1/a	0.1 – 2.5 ppm / 3 – 15 ppm	—	Mercaptan	—
6728981	Mercaptan 0.5/a	0.5 – 5 ppm	—	Mercaptan	—
8101871	Mercaptan 20/a	20 – 100 ppm	—	Mercaptan	—
CH23101	Mercury vapor 0.1/b	0.05 – 2 mg/m ³	—	Mercury vapor	—

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8103801	Methanol 20/a	20 – 250 ppm / 200 – 5000 ppm	—	Methanol	—
6728161	Methyl Acrylate 5/a	5 – 200 ppm	—	Methyl Acrylate	—
3706301	Methyl Bromide 0.1/a	0.1 – 5 ppm / 5 – 50 ppm	—	Methyl Bromide	—
8103591	Methylene Chloride 20/a	20 – 200 ppm	—	Methylene Chloride	—
8103071	Natural Gas Odorization tert-butyl mercaptan (TBM)	3 – 15 mg/m ³ / 1 – 10 mg/m ³	—	tert-Butyl Mercaptan (TBM)	—
CH20001	Natural Gas Test	—	—	Natural Gas Test	Doğal gazın nitel tespiti
8103861	n-butanol 10/a	10 – 250 ppm / 250 – 2000 ppm	—	n-butanol	—
CH19501	Nickel Tetracarbonyl 0.1/a	0.1 – 1 ppm	—	Nickel Tetracarbonyl	Renk standardıyla karşılaştırılarak okunur
6728311	Nitric Acid 1/a	5 – 50 ppm / 1 – 15 ppm	—	Nitric Acid	—
8103631	Nitrogen Dioxide 0.1/a	5 – 30 ppm / 0.1 – 5 ppm	—	Nitrogen Dioxide	—
6719101	Nitrogen Dioxide 2/c	5 – 100 ppm / 2 – 50 ppm	—	Nitrogen Dioxide	—
8103661	Nitrous Fumes 0.2/a	0.2 – 6 ppm	—	Nitrous Fumes	—
CH31001	Nitrous Fumes 2/a	5 – 100 ppm / 2 – 50 ppm	—	Nitrous Fumes	—
3706171	Nitrous Fumes 20/b	20 – 500 ppm	—	Nitrous Fumes	—
8103941	Nitrous Fumes 50/b	50 – 1000 ppm / 2000 – 4000 ppm	—	Nitrous Fumes	—
6733031	Oil Mist 1/a	1 – 10 mg/m ³	—	Oil Mist	Renk standardıyla karşılaştırılarak okunur
CH31201	Olefins 0.05 %/a	0.06 – 3.2 Vol% (propen) / 0.04 – 2.4 Vol% (bütilen)	—	Olefins	—
6728081	Oxygen 5 %/B	5 – 23 Vol%	—	Oxygen	—
8103261	Oxygen 5 %/C	5 – 23 Vol%	—	Oxygen	—
6733181	Ozone 0.05/b	0.05 – 0.7 ppm	0.1 – 1.4 ppm / 0.005 – 0.07 ppm	Ozone	—
CH21001	Ozone 10/a	20 – 300 ppm	—	Ozone	—

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6724701	Pentane 100/a	100 – 1500 ppm	—	Pentane	—
8101551	Perchloroethylene 0.1/a	0.5 – 4 ppm / 0.1 – 1 ppm	—	Perchloroethylene	—
8101501	Perchloroethylene 2/a	20 – 300 ppm / 2 – 40 ppm	—	Perchloroethylene	—
8101641	Phenol 1/b	1 – 20 ppm	—	Phenol	—
8101521	Phosgene 0.02/a	0.02 – 1 ppm / 0.02 – 0.6 ppm	—	Phosgene	—
CH28301	Phosgene 0.25/c	0.25 – 5 ppm	—	Phosgene	—
8101611	Phosphine 0.01/a	0.1 – 1.0 ppm / 0.01 – 0.3 ppm	—	Phosphine	—
8103711	Phosphine 0.1/c	0.5 – 3 ppm / 0.1 – 1.0 ppm	—	Phosphine	—
8103341	Phosphine 0.1/b in acetylene	0.1 – 1 ppm / 1 – 15 ppm	—	Phosphine in acetylene	Asetilen içindeki fosfin
8101801	Phosphine 1/a	10 – 100 ppm / 1 – 20 ppm	—	Phosphine	—
8101621	Phosphine 25/A	200 – 10000 ppm / 25 – 900 ppm	—	Phosphine	—
CH21201	Phosphine 50/a	50 – 1000 ppm	15 – 300 ppm	Phosphine	—
CH28401	Polytest	—	—	Polytest	Kolay oksitlenen maddelerin nitel tespiti
6728651	Pyridine 5/A	5 ppm	—	Pyridine	—
6723301	Styrene 10/a	10 – 200 ppm	—	Styrene	—
6733141	Styrene 10/b	10 – 250 ppm	—	Styrene	—
6727101	Sulfur Dioxide 0.1/a	0.1 – 3 ppm	—	Sulfur Dioxide	—
6728491	Sulfur Dioxide 0.5/a	1 – 25 ppm / 0.5 – 5 ppm	—	Sulfur Dioxide	—
CH31701	Sulfur Dioxide 1/a	1 – 25 ppm	—	Sulfur Dioxide	—
CH24201	Sulfur Dioxide 20/a	20 – 200 ppm	200 – 2000 ppm	Sulfur Dioxide	—
8101531	Sulfur Dioxide 50/b	400 – 8000 ppm / 50 – 500 ppm	—	Sulfur Dioxide	—
6728781	Sulfuric Acid 1/a	1 – 5 mg/m ³	—	Sulfuric Acid	Renk standardıyla karşılaştırılarak okunur
8103471	Sulfuryl Fluoride 1/a	1 – 5 ppm	—	Sulfuryl Fluoride	—

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8101341	Tetrahydrothiophene 1/b	1 – 10 ppm / 4 – 20 mg/m ³	1.6 – 16 ppm / 6.4 – 64 mg/m ³	Tetrahydrothiophene	—
8101661	Toluene 5/b	50 – 300 ppm / 5 – 80 ppm	—	Toluene	—
8101701	Toluene 50/a	50 – 400 ppm	—	Toluene	—
8101731	Toluene 100/a	100 – 1800 ppm	—	Toluene	—
6724501	Toluene diisocyanate 0.02/A	0.02 – 0.2 ppm	—	Toluene diisocyanate	Renk karşılaştırma tüpüyle okunur
CH21101	Trichloroethane 50/d	50 – 600 ppm	—	Trichloroethane	—
6728541	Trichloroethylene 2/a	20 – 250 ppm / 2 – 50 ppm	—	Trichloroethylene	—
8101881	Trichloroethylene 50/a	50 – 500 ppm	—	Trichloroethylene	—
6718401	Triethylamine 5/a	5 – 60 ppm	—	Triethylamine	—
8101721	Vinyl Chloride 0.5/b	5 – 30 ppm / 0.5 – 5 ppm	—	Vinyl Chloride	—
CH19601	Vinyl Chloride 100/a	100 – 3000 ppm	—	Vinyl Chloride	—
CH23401	Water Vapor 0.1	1 – 40 mg/L	—	Water Vapor	—
8101321	Water Vapor 0.1/a	0.1 – 1.0 mg/L	—	Water Vapor	—
8101781	Water Vapor 1/b	20 – 40 mg/L / 1 – 18 mg/L	—	Water Vapor	—
8103031	Water Vapor 3/a	3.0 – 60 lbs/ MMCF	—	Water Vapor	—
6733161	Xylene 10/a	10 – 400 ppm	—	Xylene	—