

Dräger Sampling Tubes and Systems Dräger-Tubes

The Dräger Sampling Tubes and Systems are very reliable in use even with complex compounds and mixtures of substances.



Benefits

Accurate and reliable results

The hazardous substances in the air are collected using a suitable medium – such as activated charcoal, silica gel or molecular sieves. The sample is then analyzed in a laboratory with the aid of instrumental analysis. The sampling process is conducted either actively with a manual Dräger accuro or automatic Dräger-Tube pump X-act 5000, or passively via a diffusion sampler.

Suitable for complex cases

The Dräger Sampling Tubes and Systems allow to identify and measure different substances even under difficult conditions. This applies especially to very complex mixtures of substances or cases in which several similar substances are present at the same time.

Advantages of passive sampling

- Low price since no additional sampling equipment is required
 - Long-term sampling does not require any preparation of the room
 - Low determination and detection limits
 - Fluctuations of concentration are integrated into the measurement result
 - Overview measurements as well as surveillance of limit values
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Advantages of active sampling

- Accumulation of substances in large amount of air within short time
- Low determination and detection limits

System components



D-19328-2009

Dräger-Tube pump accuro

Fast measurement with one hand: The Dräger-Tube pump accuro allows you to use the established Dräger-Tubes to take measurements under extreme conditions. The easy-to-use Dräger-Tubes have already been calibrated and form a perfect unit with the Dräger-Tube pump.



D-12091-2010

Dräger X-act® 5000

The automatic tube pump Dräger X-act® 5000 is the first all-in-one solution designed for measurements with Dräger short-term tubes and for sampling tubes and systems. Ease of operation and a high degree of reliability compliment the measurement and sampling of gases, vapors and aerosols.



D-13327-2010

Activated Charcoal Sampling Tubes



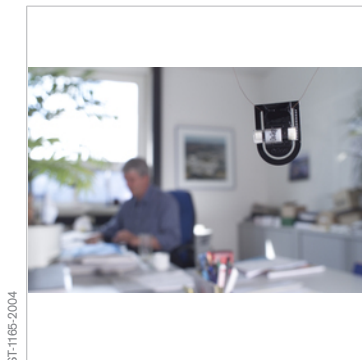
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Silica Gel Sampling Tubes

System components



Sammelfilter-Sets



Dräger-ORSA Sets

Accessories



Dräger TO 7000

By using the tube opener Dräger TO 7000, conventional Short-term Tubes as well as Ampoule and Double Tubes can be opened with only simple movements and no jagged edges are left behind.

Related Products



ST-965-2004

Dräger Analytical Services and Measurement Center

The Dräger Analytical Services and Measurement Center process the results of air samples quickly and accurately.

Ordering Information

Dräger-Tubes for Measurements in Liquid Samples

Substance	Measuring Range [1013 hPa]	Dräger-Tubes	Order Code
Inorganic Substances			
Ammonia	1.5 - 10 mg/L	Ammonia 0.25/a	81 01 711
	10 - 100 mg/L	Ammonia 0.25/a	81 01 711
Hydrocyanic Acid	0.5 - 10 mg/L	Hydrocyanic Acid 2/a	CH 25 701
Hydrogen Sulfide (total sulfide)	50 - 500 µg/L	Hydrogen Sulfide 0,2/a	81 01 461
	0.2 - 1 mg/L	Hydrogen Sulfide 1/c	67 19 001
	0.5 - 10 mg/L	Hydrogen Sulfide 5/b	CH 29 801
Aliphatic hydrocarbons			
Petroleum Hydrocarbons	0.5 - 30 mg/L	Petroleum Hydrocarbons 10/a	81 01 691
Diesel fuels	0.5 - 5 mg/L	Petroleum Hydrocarbons 10/a	81 01 691
Jet fuels	0.5 - 5 mg/L	Petroleum Hydrocarbons 10/a	81 01 691
n-Octane	0.1 - 2 mg/L	Petroleum Hydrocarbons 10/a	81 01 691
	2 - 25 mg/L	Petroleum Hydrocarbons 100/a	67 30 201
Aromatic hydrocarbons			
Benzene	0.5 - 5 mg/L	Benzene 2/a	81 01 231
Toluene	1 - 10 mg/L	Toluene 50/a	81 01 701
Xylene (o, m, p)	0.3 - 10 mg/L	Xylene 10/a	67 33 161
BTX-Aromatics	0.2 - 5 mg/L	Toluene 5/b	81 01 161
BTX-Aromatics (soil analysis)	2 - 50 mg/Kg	Toluene 5/b	81 01 161
Halogenated hydrocarbons (volatile)			
Soil analysis	qualitative	Perchloroethylene 0,1/a	81 01 551
	qualitative	Perchloroethylene 2/a	81 01 501
Multiphase system	qualitative	Methyl Bromide 0,5/a	81 01 671
	qualitative	Perchloroethylene 0,1/a	81 01 551
	qualitative	Perchloroethylene 2/a	81 01 501
	qualitative	Trichloroethane 50/d	CH 21 101
Oil muds / -emulsions	qualitative	Methyl Bromide 0,5/a	81 01 671
	qualitative	Perchloroethylene 0,1/a	81 01 551
	qualitative	Perchloroethylene 2/a	81 01 501
	qualitative	Trichloroethane 50/d	CH 21 101
Chlorinated hydrocarbons (volatile)			
Perchloroethylene	10 - 80 µg/L	Perchloroethylene 0,1/a	81 01 551
	0.1 - 4 mg/L	Perchloroethylene 2/a	81 01 501
1,1,1-Trichloroethane	0.5 - 5 mg/L	Trichloroethane 50/d	CH 21 101
Trichloroethylene	10 - 100 µg/L	Perchloroethylene 0,1/a	81 01 551
	0.1 - 1 mg/L	Perchloroethylene 2/a	81 01 501
	0.2 - 3 mg/L	Trichloroethylene 2/a	67 28 541
Organic acids			
Acetic acid	0.5 - 20 g/L	Acetic acid 5/a	67 22 101
Formic acid	1 - 20 g/L	Acetic acid 5/a	67 22 101
Organic acids	0.5 - 15 g/L	Acetic acid 5/a	67 22 101

Ordering Information

(sumparameter)

Propionic acid	0.3 - 10 g/L	Acetic acid 5/a	67 22 101
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Notes

CORPORATE HEADQUARTERS

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