



SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

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DRÄGER SAMPLING TUBES AND SYSTEMS



Product Overview:

Dräger Sampling Tubes and Systems provide accurate and reliable air monitoring solutions, even in complex environments with multiple substances or compound mixtures.

Used in offshore industry for better, occupational safety, and environmental monitoring, these systems support both passive and active sampling methods.





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Key Features:

| Feature: | Description: |
|----------------------|---|
| Accurate & Reliable: | Collects hazardous airborne substances using proven media such as activated charcoal, silica gel, or molecular sieves. Results are analyzed in |
| Sampling Methods: | laboratories with instrumental techniques. - Active Sampling: Using Dräger accuro (manual) or Dräger X-act® 5000 (automatic) pump. - Passive Sampling: Through diffusion samplers without external pumps. |
| Application Range: | Ideal for measuring and identifying complex substance mixtures and overlapping compounds. |

Advantages of Passive Sampling:

- ✓ No need for additional sampling equipment
- ✓ Ideal for long-term exposure measurements
- ✓ Low detection and determination limits
- ✓ Captures fluctuations in concentration over time
- ✓ Suitable for area monitoring and compliance verification

Advantages of Active Sampling:

- ✓ High volume air sampling in a short time
- ✓ Enhanced sensitivity for low-concentration substances
- ✓ Suitable for short-term exposure and time-critical sampling





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Compatible Sampling Media:

| Media Type: | Purpose: |
|--------------------|---|
| Activated Charcoal | Adsorbs volatile organic compounds (VOCs) |
| Silica Gel | Ideal for polar organic compounds |
| Molecular Sieves | Effective for very small or light molecules |

Compatible Devices:

| Device: | Function: |
|--------------------|---|
| Dräger accuro | Manual pump for active spot sampling |
| Dräger X-act® 5000 | Automatic pump for high-volume sampling |
| Diffusion Samplers | For passive, long-duration sampling |

Applications:

- ✓ Offshore use monitoring
- ✓ Occupational exposure analysis
- ✓ Air quality testing
- ✓ Compliance with workplace safety standards





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Contact us



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