

## Dräger Catalytic Ex-Sensors DrägerSensors

The Draeger Sensor Catalytic Ex-Sensors measure multiple gases at the same time--combustible gases and vapors in the air.



## Benefits

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### Resistance to poisoning

DrägerSensors are robust and easy to handle, and with the DrägerSensor CatEx PR Technology, we have succeeded in developing particularly long-term stable catalytic Ex sensors. Hydrogen sulfide and silicones are known catalytic poisons which may be present themselves in the environment where explosive gases exist. Thanks to a new pellistor composition, the sensors are highly resistant to 'poisoning' from these substances.

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### Sensitivity to vapors

Unknown gas hazards and higher hydrocarbons pose a particular challenge to the display sensitivity of catalytic sensors. The new CatEx 125 PR and Smart CatEx (PR) sensors have such a sensitivity. The detection of all hydrocarbons (from methane to nonane) has been confirmed with a measurement certificate for the device series Dräger X-am<sup>®</sup> 1/2/5000 and Dräger X-am<sup>®</sup> 7000.

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### Optimised for extreme conditions

The design of the new sensor CatEx 125 Mining PR makes it particularly impact-resistant and thus optimised for the harsh conditions in the mining industry.

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### From LEL to 100 % by vol.

Our catalytic sensors are suitable for measurements from the lower explosion limit (LEL) to 100 % by vol.

## Related Products

ST-7462-2005



### Dräger X-am® 2000

The Dräger X-am® 2000 is one of a new generation of gas detectors which have been specially designed for personal monitoring. The 1- to 4-gas detector reliably measures combustible gases and vapors, as well as O<sub>2</sub>, CO and H<sub>2</sub>S. Its ergonomic design, mobile phone dimensions and low weight make it the perfect companion in your daily work. Reliable measurement technology, long sensor life and easy operation guarantee maximum safety at extremely low cost of ownership.

ST-67-2006



### Dräger X-am® 7000

Dräger X-am® 7000 is the innovative solution for the simultaneous and continuous measurement of up to five gases. A combination of more than 25 sensors allows flexible solutions to individual monitoring tasks. It is the ideal companion in a variety of applications where the reliable detection of oxygen, toxic and combustible gases and vapors is necessary.

ST-9466-2007



### Dräger X-am® 5000 Personal Monitor

The smallest gas detection instrument for up to five gases, the Dräger X-am® 5000 belongs to a new generation of detectors developed especially for personal monitoring. It reliably measures oxygen, organic vapors, combustible gases, and harmful concentrations of CO, H<sub>2</sub>S, CO<sub>2</sub>, Cl<sub>2</sub>, HCN, NH<sub>3</sub>, NO<sub>2</sub>, PH<sub>3</sub>, and SO<sub>2</sub> with high sensitivity to keep the user safe.

## Notes

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