ERE Environmental Remediation Equipment Inc.™

Dräger X-am® 7000

Multi-Gas Detection Devices

Dräger X-am® 7000 is the solution for the simultaneous and continuous measurement of up to five gases. It is the ideal companion in a variety of applications where the reliable detection of oxygen, toxic and combustible gases and vapors are necessary.

Flexibility through sensor variety

The extensive portfolio of over 25 different DrägerSensors enables the detection of more than 100 gases and vapors. The Dräger X-am 7000 can be equipped with three electrochemical, and two catalytic bead, infrared or photo ionization sensors. During operation, it is also possible with the catalytic-Ex sensor to change the gas being measuring or the measurement range of the sensor. In this way, the instrument can be easily adapted to various applications. DrägerSensors are renowned for their fast response time, minor cross sensitivities, high level of accuracy and long lifetimes.

Intelligent and interchangeable sensors

In addition to the electrochemical sensors, the catalytic, infrared and photo ionization sensors are automatically recognized by the instrument upon insertion. All sensors are pre-calibrated, and therefore a reconfiguration of the Dräger X-am 7000 can be done by simply changing the sensor. No additional service or maintenance is necessary.

Poison resistant Ex-sensor

Advanced safety in explosive atmospheres: thanks to the high sensitivity of the innovative Ex-sensor to combustible organic vapors the Dräger X-am 7000 warns reliable of danger of explosions. It not only responds quickly to combustible gases and vapours, it is also characterised by its high resistance against silicone and hydrogen sulphide contamination. In combination with the high degree of drift stability, this resistance enables an extraordinarily long service life of more than four years. This will reduce your operational costs.

Robust and watertight

In addition to the built-in dust and water filter, the Dräger X-am 7000 can be submersed in up to 1 m or 3 ft. of water without damage. A specially designed rubber boot protects the instrument against damage even from a drop of 1.5 m or 5 ft.

Built for longevity

The completely new design of the rechargeable battery pack with intelligent chargingmanagement guarantees full functionality of the instrument over a period of up to 20 hours. An alkaline battery pack is also available. The DrägerSensors used in the Dräger X-am 7000 have a typical lifetime of over 5 years. If, over time, a sensor exchange is necessary, the modular approach of the instrument allows for this in a few simple steps.

Multiple alarms

Alarm conditions can not be ignored because of the extremely loud multi-tone horn. In addition, the visual alarm can be seen 360°, ensuring that the user notices the warning. By generating an optional life-signal every six seconds, the Dräger X-am 7000 confirms that it is functioning properly.

Integrated pump

A built-in high-performance pump draws in the gas to be measured through a hose of up to 45 m length. The pump is continuously monitored for blockages.

Easy detection of leakages

A flexible “gooseneck” probe eases the search for leakages on pipelines, valves, flanges, etc. In the tracking-mode, the instrument generates an increasing or decreasing rate of beeps, depending on the gas concentration detected.

Information at one glance

The large graphic display and the auto-zoom function during alarms guarantee an easy recognition of the measurement values and symbols displayed for immediate reaction to the situation or hazards. All information is provided in plain text for easy understanding.

Intuitive software functions

The software menu within the Dräger X-am 7000 was designed in partnership with our customers making it simple and easy to use. With the help of Dräger CC-Vision software, up to five different detection applications can be saved within the instrument. By doing so, the use of different instrument configurations can be set for that specific application. During operation, a simple change between these set parameters can be done via the instrument‘s menu.

Data management

An integrated data logger logs up to 3000 sets of values – that equals 100 hours when recording one set per minute. The data can then be transferred to and evaluated on a PC using an infrared interface together with the Dräger GasVision software package.