Q. What gases can be detected with the Protégé ZM?

A. The Protégé ZM is a single gas monitor. Three monitor versions are available including Oxygen (O_2), Hydrogen Sulfide (H_2S) and Carbon Monoxide (CO).

Q. What does the "ZM" mean?

A. "ZM" stands for Zero Maintenance which means no battery charging or calibration is required. The Protégé ZM monitor has been designed to provide two years of gas detection without charging or calibration, under typical conditions.

Q. How long will the Protégé ZM gas monitor operate?

A. The Protégé ZM has been designed to provide two years of gas detection. The O_2 monitor operates for two years continuously once activated. The H_2S and CO monitors have a hibernation feature which puts the monitor in a deep sleep to extend battery life. The H_2S and CO monitors can be hibernated to extend the operational life up to one additional year.

Q. Should I calibrate my Protégé ZM?

A. The Protégé ZM has been designed to provide two years of gas detection without requiring calibration, under typical conditions. The monitor can still be calibrated at any time. You should calibrate per your local facility maintenance programs and safety guidelines. The monitor should also be calibrated if it has failed a bump test, been exposed to excessive levels of gas, exposed to chemicals which could poison the sensor, or if it has been dropped or mishandled.

Q. Does the Protégé ZM stop working after two years of operation?

A. Yes, once the monitor has been in service for two years, the monitor will turn itself off. The monitor display will count down during use starting from 24 months. The countdown will switch to days once there are 30 days of use left. The countdown will switch to hours at eight hours remaining and the monitor will beep periodically to remind you that the monitor is about to expire.

Q. How do I hibernate my Protégé ZM H_2S or CO monitor?

A. There are two ways to put your H_2S or CO monitor into hibernate mode. First, you can send a hibernate command to the monitor using the IR Connect programmer and Protégé ZM software. Remember, event logs are erased on the monitor when the monitor is put in hibernate mode using the IR Connect. It's recommended that you save the event logs on your PC prior to hibernating your monitor. Secondly, you can place the monitor in the Protégé ZM Test Station and hold down the "Bump" and "Calibrate" buttons simultaneously for several seconds. When hibernating using the test station, the event logs are erased and a copy of the event logs are automatically stored in the Test Station memory. After using either method, check the monitor display screen to confirm it is blank, indicating the monitor is in hibernate mode. The monitor can be reactivated by holding down the Power button on the monitor.

Q. Does the Protégé ZM have on board data logging capability?

A. Yes, the Protégé ZM records up to 25 events. If additional events occur, the monitor will overwrite the oldest event in memory with the new event. The events can be downloaded and saved on your PC at any time using the IR Connect accessory and Protégé ZM software.

Q. What types of computer and operating system do I need to run the Protégé ZM software?

A. The software is compatible with PC's running the Microsoft Windows Operating System. Microsoft Windows® XP, Microsoft Windows® Vista and Microsoft Windows® 7 are all supported. The PC also needs to be running Microsoft .NET Framework.

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