

External PPM Display Indicator



Pool or Plant Operators

Look Before You Leap

Check the concentration of chlorine in the atmosphere within the plant or chlorine storage room from a safe distance



External PPM Display Indicator

The complete External Display Indicator (EDI) is a new product for the Chlorine Industry and is designed to allow a Plant or Pool Operator to determine the atmospheric chlorine level prior to entering a potentially affected area.

The unit receives a signal from the existing Hydramet or similar Chlorine Leak Detector and displays the concentration of chlorine in the atmosphere of the chlorine storage or plant room.

A 100mm LED display is available that can be mounted externally on the chlorine building and viewed up to 50m away. The smaller 20mm unit that can be mounted in an office or workshop area.

Plant Room Safety

The Hydramet or similar leak detector detects a chlorine gas leak & initiates an audible alarm. The Plant or Pool Operator is not recommended to enter the area.

If the chlorine atmospheric level exceeds 1ppm, a SCBA and Chlorine Awareness Trained Plant or Pool Operator must attend with SCBA to isolate the container valve. A "Standby Person" with SCBA & Chlorine Awareness Training is also required in this situation.

At most sites the Hydramet leak detector or similar receiver module is located within the plant room or drum room and can't be easily viewed from a distance to determine the concentration.

With the Hydramet External Display Indicator the Plant or



Pool Operator can decide on what course of action to take using the information from the indicator at a safe distance.

This system is recommended for monitoring purposes if BMS is not available but can also be integrated into an existing BMS.



Gas Leak Detectors

Hydramet's chlorine gas leak monitors utilise the latest gas monitoring technology to provide a flexible and reliable, self-testing gas detection system.

The system consists of a panel mounted enclosure complete with audible horn, individual receiver modules, a power supply unit and battery back-up unit all pre-wired and tested for ease of installation. Auto-test gas generators fitted to the sensor/transmitter automatically generate a small concentration of gas every 24 hours to verify sensor operation. Should the sensor not respond to the test, the trouble alarm is activated.

Gas Leak Safety Shutdown System

The HYDRA-SENTINEL is an automatic isolation device for chlorine cylinders and drums, for use in areas such as pool, water & wastewater treatment plant rooms. It is intended to shut the primary isolation valves on these containers in the event of a significant gaseous chlorine leak.



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