

REMOTE ODOURANT MONITORING SYSTEM

Haldatec is a distributor of ROS (Remote Odourant Monitoring System) by Witech USA. This device is designed to accurately monitor Mercaptan levels in sales gas and LPGs with a scale of 0-50 mg/m³ of Mercaptans.

ROS can be paired with an odourant injection system to automate the odourisation process.

Management, configuration and calibration are easily performed through a web page accessible via wireless Wi-Fi network or locally using a PC running a Windows application. ROS offers the option to store and obtain the history of the samples taken and the possibility of reporting to SCADA systems.

This includes reporting variables such as odourisation level, sample counter, and calibrations, sample stabilization time, used sensor, theoretical level of span gas, event and temperature hours.



SPECIFICATIONS

- Sample flow rate 0.5SL/min
- Analysis time 15 minutes
- Repeatability <2%
- Acc and linearity <5% of full scale
- Temp range -10/50 Deg C
- Power consumption Ma 1,000mA, steady state 60mA@ 12VDC
- M20 Electrical cable entry

FEATURES

- Reliable electrochemical detection technology for accurate readings.
- Available for THT, EM and TBM.
- IECEx certification IECEx ExTC 22.0032X / ATEX certification TUV 23 ATEX 9028 X
- User-friendly web page for configuration, management and controlling.
- Configurable history is logged for odourant level, sample and calibration counters, temperature, detailed sampling stabilisation, sampling point pressure, calibration gas tank pressure and other variables. Holds 1,000 sample and 100 calibration records.
- Alarms are sent to SCADA system in real time: High and low odourant level, sensor failure, high and low pressure, low calibration tank level and any other analog signal monitored.
- Automatic over-range detection disconnects sensors from gas flow to prevent sensor damage.
- Local manual instant sample via local display.
- Integrated air pump with high-speed brushless motor for line cleaning and sampling chamber.
- Serial communication port RS232 MODBUS for integration with RTU/PLC devices or direct communication with the SCADA System.
- 3 Additional analog inputs to monitor pressure, flow, level, gas leaks, etc.
- Local configuration and history download via wireless connection using web browser.

ABOUT US

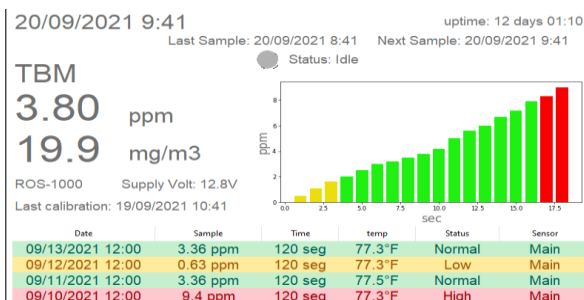
Since 1991, Haldatec has been providing products and services to the Oil, Gas and related industries in Australia, Pakistan, Singapore, Papua New Guinea, India and New Zealand.

ENPRO

Our house product label, EnPro, has been developed to complement our core business and has been driven by customer needs. Our comprehensive range includes innovative designs, adaptations and applications introduced to solve problems for our customers.

STANDARDS

To ensure we provide the best possible support for our customers and suppliers, we have certification to ISO9001:2015.



Haldatec

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