

Acrulog H2S GAS Monitor

Simple and compact gas data logger for harsh environmental monitoring



TYPICAL APPLICATIONS

Odour and corrosion control
Manhole and wet well monitoring
Asset management and research studies
Wastewater treatment plant monitoring
Ventilation pipes and rising mains



FEATURES & BENEFITS

Designed for sewers, manholes and wet wells

Wireless download of data via *Bluetooth*® technology

Customized case with easy access to change batteries

Easy to download data using custom Acrustat software

Extensive battery life:

Over 12 months with 1 x 3.6v D size lithium metal battery

Over 3 months with 3 x AA size Alkaline batteries

External humidity sensor for harsh environments

One touch switch to access main menu

Large, clear, informative alpha-numeric display

Logging capacity of 3 million data points

Floats, with self righting capabilities

Optional Outputs: 4-20mA or RS485, 4G LTE-M or NB-IoT



Acrulog H2S Gas Monitor

The Acrulog Hydrogen Sulphide gas monitor has been specifically designed to work in harsh environments to log levels of H2S gas in sewerage systems and treatment plants for odour and corrosion control purposes

Patents: Australia 2017200887 U.S. Patent No. 10557838

SPECIFICATIONS

| | |
|--------------------------|--|
| H2S Ranges | 0-50, 0-200, 0-1000 and 0-2000ppm Long Deployment (LD), Short Deployment (SD), Extra Long Deployment (ELD) sensors available |
| Gas Accuracy at STP | +/- 2ppm at 20ppm gas (normal temperature and pressure) |
| Instrument Temp Range | -20C to 50C (-4F to 122F) |
| Relative Humidity Range | 0-100% non-condensing |
| Ingress Protection | IP68 |
| External Dimensions | Trilateral Diameter 58.3mm x 59.3mm Height 164mm (2.30" x 2.34" x 6.46") |
| Instrument Weight | 300 grams (10.6oz) |
| Power Supply | 3 x AA Alkaline Batteries (in adaptor) Or 1 x 3.6v D Lithium Metal Battery |
| Logging Interval | 1 second to 18 hours |
| Logging Capacity | 3 million data points |
| Wireless Communication | Data download via <i>Bluetooth</i> [®] |
| Humidity Accuracy | +/- 5% RH @ 55% RH |
| Humidity Sensor Range | 0-100% |
| Temperature Accuracy | +/- 0.3 @ 25C (77F) |
| Optional Output Upgrades | 4-20mA or RS485, 4G LTE CAT M1 or NB-IoT |
| Warranty | 12 Months |

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OPTIONAL ACCESSORIES

Solar shade
Manhole Antenna