

Acrulog NH3 Gas Monitor

Simple and compact gas data logger for harsh environmental monitoring



TYPICAL APPLICATIONS

Odour monitoring and control
Manhole and wet well monitoring
Asset management and research studies
Wastewater treatment plant monitoring
Sludge works

FEATURES & BENEFITS

Designed for sewers and waste water treatment plants

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 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

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



Acrulog NH3 PPM logger with 4G and external antenna

Acrulog NH3 Gas Monitor

The Acrulog Ammonia (NH3) gas monitor has been specifically designed to work in harsh environments to log levels of NH3 gas in sewerage systems and treatment plants for odour monitoring and control purposes

Patent Pending

SPECIFICATIONS

NH3 Ranges	0-50, or 0-100 PPM
Gas Accuracy at STP	+/- 2ppm at 20ppm gas (normal temperature and pressure)
Instrument Temp Range	0C to 50C (32F to 122F)
Relative Humidity Range	0-100% non-condensing
Ingress Protection	IP68
External Dimensions	Trilateral Diameter 58.3mm x 59.3mm Height 224mm (2.30" x 2.34" x 8.82")
Instrument Weight	300 grams (10.6oz)
Power Supply	3 x AA Alkaline Batteries (in adaptor) Or 1 x 3.6v D Lithium 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