

Acrulog IPX H2S Parts Per Million Monitor

Continuous, in-situ, H2S environmental gas monitoring with micro sampling technology (MST)

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

Wireless download of data via *Bluetooth*® technology

Battery backup with 2 x 1.5v D Alkaline batteries up to 21 days

Battery backup with 2 x 3.6v D Lithium batteries up to 60 days

4-20mA communication on standard model

Large, clear, informative alpha-numeric display

External filter for easy replacement

Easy to download data using custom Acrustat software

Customized case with easy access to change batteries
(no tools required)

Touch switch to access main menu

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



4GXT model shown with optional external antenna,
Internal Antenna fitted on 4GXT model as standard.

Acrulog IPX H2S Parts Per Million Monitor

The Acrulog PPM Hydrogen Sulphide monitor is designed for indoor and outdoor continual use and will record levels of H2S with memory backup. The H2S monitor has a built-in sample pump.

SPECIFICATIONS

Measurement Range	0-20PPM, 0-50PPM, 0-200PPM, or 0-1000PPM
Zero Drift	< +/- 1ppm at NTP (Normal temperature and pressure)
Accuracy	< +/- 10% of reading over range at NTP Calibrated on 50ppm
Instrument Temp Range	-10C to 50C (14F — 122F)
Sensor Temp Range	-10C to 50C (14F — 122F)
Relative Humidity Range	0-100% non-condensing
Ingress Protection	Housed in a modified IP67 case
External Dimensions	205mm x 97mm x 63mm (8" x 3.8" x 2.5")
Instrument Weight	850 grams with Alkaline batteries fitted (30oz / 1.8 pounds)
Logging Interval	10 minutes to 18 hours
4-20mA Output	Externally powered loop 12-24 volts DC (4-20mA output updated every second for connection to flash powered sampling loops)
Power Supply External (with 4-20mA or RS485)	External 5-15 volt DC supply (Average 20mA with peak of 50mA)
Internal Power Supply	2 x 3.6v D size Lithium or 2 x 1.5v D size Alkaline batteries
Humidity Accuracy	+/- 5% RH @ 55% RH
Humidity Sensor Range	0-100%
Temperature Accuracy	+/- 0.3 @ 25C (77F)
Optional Output Upgrades	RS485, and 4G LTE CAT M1 or NB-IoT
Warranty	12 Months
Antenna on 4GTX model	Internal antenna fitted as standard , external antenna option available

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OPTIONAL ACCESSORIES

Sample line (3m/10ft)*
Inline sample dryer
Solar shade

*for 15 meter (50 feet) sampling range see Dilution model