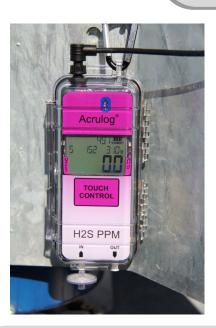
# **Acrulog IPX H2S Parts Per Million Monitor**

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 2 x 1.5v D Alkaline batteries up to 21 days

Battery backup 2 x 3.6v D Lithium Metal 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 5-24 volt DC supply (Average 20mA with peak of 50mA)
Internal Power Supply	2 x 3.6v D size Lithium Metal or 2 x 1.5v D size Alkaline batteries
Humidity Accuracy	+/- 5% RH @ 55% RH
<b>Humidity Sensor Range</b>	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 is optional

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### **OPTIONAL ACCESSORIES**

Sample line (3m/10ft or 5m/16ft)\*
Inline sample dryer
Solar shade

\*for 15m (50 ft) sampling range see Dilution model