

# Acrulog H2S Parts Per Billion Monitor

Continuous, low level, H2S environmental gas monitoring with micro sampling technology (MST)

## TYPICAL APPLICATIONS



Fence line monitoring  
Plant perimeter  
Scrubber outlet monitoring  
Environmental odour control studies  
Corrosion studies

## 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

Logging capacity of 3 million data points

Large, clear, informative alpha-numeric display

External filter for easy replacement

Easy to download data using custom Acrustat software

Modified IP67 case with easy access to change batteries  
(no tools required)

Touch switch to access main menu

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

Optional 4-20mA or RS485 incl. 5-24V DC external supply



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

# Acrulog H2S Parts Per Billion Monitor

The Acrulog PPB Hydrogen Sulphide monitor is designed for indoor and outdoor continual use and will record low levels of H2S down to as little as 3PPB. The H2S monitor has a built-in sample pump and memory backup.

## SPECIFICATIONS

Measurement Range	0-2000PPB
Zero Drift	< +/- 10ppb at NTP (Normal temperature and pressure)
Accuracy	< +/- 10% of reading over range at NTP Calibrated on 500ppb
Instrument Temp Range	-10C to 50C (14F — 122F)
Sensor Temp Range	-10C to 40C (14F — 104F)
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
Logging Capacity	3 million data points
Internal Power Supply	2 x 3.6v D size Lithium Metal or 2 x 1.5v D size Alkaline batteries
Wireless Communication	Data download via <i>Bluetooth</i> <sup>®</sup>
Humidity Accuracy	+/- 5% RH @ 55% RH
Humidity Sensor Range	0-100%
Temperature Accuracy	+/- 0.3 @ 25C (77F)
Output Options	4-20mA or RS485, 4G LTE CAT M1 or NB-IoT
Warranty	12 Months
Antenna on 4GTX model	<b>Internal antenna fitted as standard</b> , external is optional

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## OPTIONAL ACCESSORIES

Sample line (3m/10ft or 5m/16ft)\*

Inline sample dryer

Solar shade

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