

Acrulog IPX H2S Dilution Monitor

Continual long term monitoring for high levels of H2S PPM with remote sample draw capability

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 long term monitoring of harsh environments

Bluetooth wireless download of data

Battery backup with 2 x 1.5v D Alkaline batteries up to 7 days

Battery backup with 2 x 3.6v D Lithium batteries up to 20 days

Logging capacity of 3 million data points

Large, clear, informative alpha-numeric display

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

Remote sampling up to 5 meters (16.4 feet)



Acrulog IPX H2S Dilution Monitor

The Acrulog H2S dilution monitor is designed for long term continual use to record high PPM levels of H2S. The H2S monitor uses a built-in sample pump & dilution system designed for precision mixing of filtered air to reduce sensor exposure and moisture. The H2S monitor is capable of drawing a remote sample from up to 5 meters away with custom sample line.

Patent Pending

SPECIFICATIONS

Measurement Range	0-200 PPM, 0-2000PPM
Zero Drift	< +/- 10ppm 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)
Internal Humidity Range	0-100% non-condensing
Remote Sample Draw Range	Up to 5meters (16.4 feet) with custom sample line to suit application
Ingress Protection	IP54
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 60 minutes
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	External 5 volt DC supply (Average 30mA with peak of 50mA)
Internal power supply	D size Alkaline or Lithium batteries
Humidity Accuracy	+/- 5% RH @ 55% RH
Temperature Accuracy	+/- 0.3 @ 25C
Warranty	12 Months



Optional Accessories

Acrulog industrial shelter
Flash Back Arrestor
Sample Line Kit