

Acrulog CEM

Hydrogen Sulphide Continuous Emission Monitor With Integrated Micro Sampling System Technology

TYPICAL APPLICATIONS

Carbon Filter Monitoring
Pump Stations
Wet Scrubbers
Bioscrubbers
Head works
BioFilters



FEATURES & BENEFITS

316 Stainless Steel Enclosure

4-20mA Output Per Channel

Micro Sampling Technology (MST)

Fan Controlled Temperature Regulator (optional)

Data Storage Capacity of 3 Million Data Points

Remote Sampling up to 15 meters (50 feet)

Simple to Calibrate

Easy to Maintain and Service

Quick Release to Swap Units In and Out



Acrulog Continuous Emission Monitor

The Acrulog CEM is an integrated micro sampling system using our proprietary MST Technology and is capable of measuring down to as little as three parts per billion (3PPB). The Acrulog CEM provides continuous 4-20mA output, and is designed with remote sampling of up to 15 meters. The Acrulog CEM MST technology reduces issues with high humidity environments, through a combination of its micro sampling technology and inline treatment of humidity. The system is available in either one, two, or three-point systems.

Point Ranges

Choice of Acrulog IPX H2S Dilution Monitor ranges to suit customer needs:

0-2000PPB

0-20 PPM

0-50 PPM

0-200 PPM

0-1000 PPM

*Please refer to the Acrulog PPB monitor and IPX H2S dilution monitor brochures for point unit specifications

Specifications

External Dimensions: (Width x Height x Depth)	1 & 2 Point Systems : 300mm X 400mm X 160mm (12" X 16" X 7") 3 Point System: 400mm X 400mm X 160mm (16" X 16" X 7")
System Weight (Excluding Point Units)	1 & 2 Point Systems : ≤ 10Kg (≤ 22 Pounds)
Shade Weight and Size (2.4mm stainless steel)	≤ 11Kg 500mm X 580mm X 300mm (≤ 24 Pounds) (20" X 23" X 12")
Material	Stainless steel 316
Ingress Protection	IP 66, or IP 45 with vent
Remote Sample Draw Range	Up to 15 meters (50 feet)
4-20mA Output* (Per Point)	Externally powered loop 12-24 volts DC (4-20mA output updated every second for connection to flash powered sampling loops)
Power supply	5 volt DC supply regulated
Warranty	12 Months

Manufactured by:

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Optional Extras

Acrulog CEM Shade

Flash Back Arrestors

Fan Temperature Control

Inbuilt Heating System