

Ambient H₂S monitor APSA-370/CU-1 (H₂S)

Overview

APSA-370/CU-1 Ambient H₂S monitor measures SO₂ converted H₂S through oxidation catalyst based on Ultra Violet Fluorescence. In order to reduce measurement error by water concentration fluctuation in ambient, humidifier is set at sample line. It enables long-term stability according to stabilizing catalytic reaction.



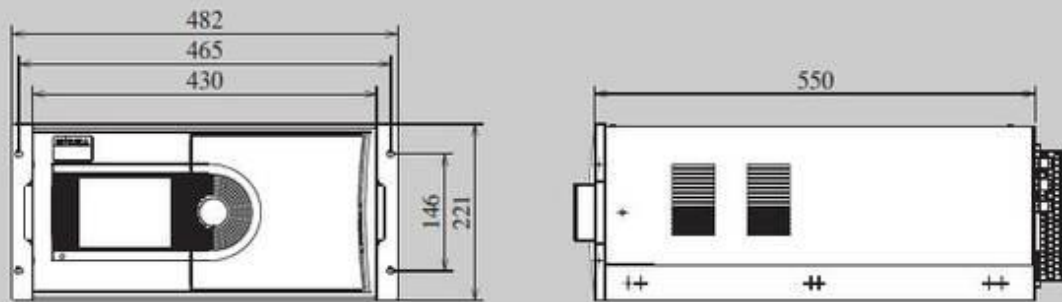
Features

- Monitor H₂S with high sensitivity range in ambient air continuously.
- Set humidifier at sample line to stabilize catalytic reaction.

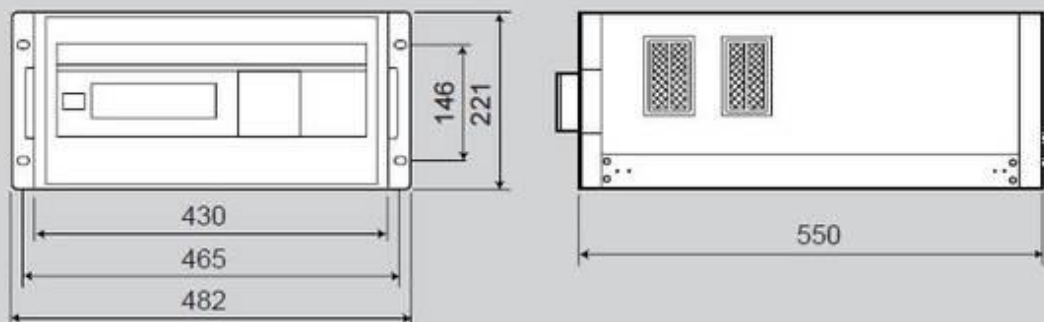
Specifications

Model:	Analyzer unit: APSA-370, Converter unit: CU-1
Measurement component:	Hydrogen sulfide (H ₂ S) in ambient air
Measurement principle:	Oxidation catalyst + Ultra Violet Fluorescence
Measurement range:	0-0.1/0.2/0.5/1.0 ppm
Lower detectable limit:	2 ppb
Repeatability:	±3.0% of F.S.
Linearity:	±2.0% of F.S.
Zero drift:	±2% of F.S./day
Span drift:	±5% of F.S./day
Response time (T₉₀) :	180 sec. or less (from CU-1 converter unit)
Sample gas flow rate:	approx. 0.7L/min
Operation gas:	None
Indication:	Measuring value, alarm
Alarm:	APSA-370: Calibration error, Battery error, Flow rate error, Pressure error, Temperature error in catalyzer, etc. CU-1: Temperature error in catalyzer
Inpt/Output:	0-1V/0-10V/4-20mA (2 systems: either (1) momentary value and integrated of (2) moving average value) Contact input/output RS-232C (option)
Temperature/Humidity:	0-40°C / 85% or less
Power:	100/110/115/120/220/230/240 VAC, 50/60Hz
Power consumption:	APSA-370: 150VA CU-1: 150VA
Dimension:	APSA-370: 430(W) x 550(D) x 221(H) mm CU-1: 430(W) x 550(D) x 221(H) mm
Mass:	APSA-370: approx. 19kg, CU-1: approx. 10kg

APSA-370



CU-1



For more information, please visit our website:

<http://www.horiba.com/process-environmental/products/ambient/details/apsa-370-cu-1-ambient-hydrogen-sulfide-monitor-19405/>