



Stack Gas Analyzer Proc. 900 Series

*Telemetry System Included



Proc. 900 series

Stack Gas Analyzer

The Proc. 900 stack gas analyzer is designed to continuously measure the concentrations of nitrogen oxides (NO_x), sulfur dioxide (SO₂), carbon monoxide (CO), carbon dioxide (CO₂), oxygen (O₂), and ammonia (NH₃) in stack flue gas streams.

Specification

Model		Proc. 900				
Component		NOx	SO2	CO	CO2	O2 NH 3
Range		10~500 0 ppm	10~500 0 ppm	50~500 0 ppm	5~25vol %	10~25vol % 0-100 ppm
Indicated error (Linearity)		± 1.0 % of full-scale value for each component and range (Standard range ratio)				
Zero drift		± 1.0%/week of full scale (standard range) (if the ambient temperature change is ≤ 5°C) ± 2.0%/week of full scale (optional range and O2 carrier specification O2 analyzer) (if the ambient temperature change is ≤ 5°C)				
Span drift		± 2.0%/week of full scale (if the ambient temperature change is ≤ 5°C)				
Response time		T90 = 45s from the analyzer inlet				
Interference		±2.0% of full scale				
Environment Condition	Temperature	0° to 40°C (No direct sun light or no radiation heat)				
	Humidity	≤ 90%				
	Vibration	100Hz, 0.3m/s ² or less				
	Dust	Less than environment standard				



	Temperature	Ambient temperature
	Dust	None
Measuring Gas Condition	Standard gas composition	NO :Up to 5000 ppm NO2: None SO2: Up to 5000 ppm SO3: None CO :Up to 5000 ppm, CO2: 3 vol% to 15 vol% O2 :0.2 vol% to 15 vol% HCl : None H2O: Saturated at 5°C
Sample gas pressure		Atmospheric pressure $\pm$ 4 in. W.C.
Calibration gas		Zero gas : Nitrogen Span gas : Gas to be measured
Carrier gas for (Oxygen analyzer)		Nitrogen (for N2 carrier specification), Air (for air carrier specification)
Air for ozone generation		Dry air (saturated at $\leq -30^{\circ}\text{C}$)
Power supply		200 – 240 VAC
Power frequency		50/ 60 Hz for common use
Power consumption		100 VA



- این آنالایزر از نوع اکسترکتیو بوده و با مکش نمونه از استک ، گازهای مختلف را آنالیز می کند
- تعداد، نوع گازها و رنج اندازه گیری قابل انتخاب است
- در کنار دستگاه علاوه بر نمایشگر ۷ اینچی ، اطلاعات سیستم از طریق وایفای روی گوشی همراه نیز قابل مشاهده است
- اطلاعات و تنظیمات سیستم از طریق وب در هر نقطه از جهان در دسترس است

