



Protea P2000 and Protea P5000
Emission Analyzer Application Data Sheet

Form with checkboxes for CEM, SCR, Combustion Control, and Other (please advise).

Please list ALL Background components in the flue gas sample stream in the table below and select the required ranges from table listed on the next page:

Table with columns: Stack Gas Components (Please list all), Minimum, Normal, Maximum. Rows include Flue Gas Water Vapor, Carbon Dioxide, Carbon Monoxide, NOx, SO2, and Others.

The above data is very important: Note: Accurate data is essential to establish the correct analyzer operating parameters for use during factory calibration.

Application Specific Data

Form for Application Specific Data containing fields for EPA Compliance, Number of Points to be Monitored, Particulate, Gas Temp, Ambient Temp, Radiant heat conditions, Ambient Temp at Transmitter, Installation Area Electrical Classification, Utilities Available, Size of Duct or Stack, Vertical or Horizontal Installation, Access to OHU, Probe Length, Distance Between ACU and first AU, Output Signal, and Any Other Application Notes.

*Note: Accurate temperature data is essential for factory calibration of analyzer operating parameters. Instrument Air is defined as: Oil free Instrument Air with a Dewpoint of -20 °F or lower.



Select up to 6 components and choose a model number from the list below and specify the required range. Please indicate if dual ranges are required, by entering second range data if applicable.

Protea P2000				Protea P5000			
<i>Components:</i>	<i>Min Range</i>	<i>Required Ranges</i>		<i>Components:</i>	<i>Min Range</i>	<i>Required Ranges</i>	
		<i>Range One</i>	<i>Range Two</i>			<i>Range One</i>	<i>Range Two</i>
CO	0-150 ppm	_____	_____	NH3	0-20 ppm	_____	_____
CO2	0-100 ppm	_____	_____	Cl2	0-20 ppm	_____	_____
H2O	0-2000 ppm	_____	_____	F2	0-20 ppm	_____	_____
SO2	0-100 ppm	_____	_____	H2S	0-20 ppm	_____	_____
NO(x)	0-240 ppm	_____	_____	NO(x)	0-20 ppm	_____	_____
NO2	0-200 ppm	_____	_____	NO2	0-20 ppm	_____	_____
NH3	0-100 ppm	_____	_____	N2O	0-500 ppm	_____	_____
HCl	0-500 ppm	_____	_____	O3	0-1 ppm	_____	_____
HF	0-200 ppm	_____	_____	SO2	0-10 ppm	_____	_____
C4H10	0-100 ppm	_____	_____				
C3H8	0-100 ppm	_____	_____	Others	_____	_____	_____
C2H6	0-200 ppm	_____	_____		_____	_____	_____
CH4	0-300 ppm	_____	_____		_____	_____	_____
C2H4	0-500 ppm	_____	_____		_____	_____	_____
Other	_____	_____	_____		_____	_____	_____

***Note:** Accurate data is essential to establish correct analyzer operating parameters during factory calibration. Please submit one Application Data sheet for each stack or duct.

Delta Instrument also supplies a full-range of Oxygen analyzers for Diluent Correction or Combustion Control. Details on request or visit DeltaInstrument.com.

Name: _____ Phone No: _____

Date: _____ Fax No : _____

Company Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Project Name: _____ Email: _____