



Quotation Information - Gas Chromatograph

Model Requested - Please Select

2024-03-21 11:26:09

BUYER INFORMATION

Company Name: YPFB TRANSPORTE S.A.

Contact Name: RICARDO MONTERO / OSMAR REQUENA

City: SANTA CRUZ DE LA SIERRA

State:

Country: BOLIVIA

Phone: +59172130619 / +59171627715

Print Form

In order to expedite your quote, please fill in as much information as possible, save file and transmit updated file to your local ABB Totalflow Representative.

END-USER INFORMATION

Project Name: CROMATÓGRAFO SAN ALBERTO

End User:

Installation Country: BOLIVIA

Please select anticipated period of time for closure of this bid: Less than 6 months

SITE CONDITIONS AND SYSTEM REQUIREMENTS

Location's ambient temperature: Min: 40 Max: 140 OF Installation conditions: Inside, instrument shelter (no HVAC)

[See Fig. 2 for Cold Weather Enclosure options such as type of heater, mounting configuration, power options, bottle racks, and communication field installation kits.]

Onsite Available Power: 24VDC

NGC/PGC Analyzers are available in DC only, please select 12 or 24VDC: 24VDC

Site/Area Classification: DIV 1

Available Analyzer Classifications: ATEX Zone 1

Available Metrology: [Limited Models Only]

NGC/PGC analyzers come standard with:

1 Ethernet interface, 2 Serial Ports (RS232/RS422/RS485 Selectable), 2 Digital Inputs, 2 Digital Outputs, 2 USB Ports (Host & Client)

Modbus Host/Slave (ASCII/RTU), Totalflow TCP, Modbus TCP Server/Client, Levelmaster

*1 External USB port is standard for MMI (Man-Machine-Interface). PC or Laptop with Windows 2000 or better is required. Optional External Serial Port available

Additional Communications or Protocol Options Requested:

STANDARD NGC/PGC CALCULATIONS (Software Selectable)

AGA-8 Detail

Wobbe

NX-19

ISO 6976 Flat

GPA 2172

ISO Summation Factor

Additional Calculations Requested: (Optional)

OPTIONAL CALCULATIONS (check box)

☒ Hydrocarbon Dewpoint

☒ Speed of Sound

Other Comments or Requirements:

[illegible]

If your Stream Composition is available in another document, you may attach it with your questionnaire and skip these pages.

[illegible]

Temperature: Pressure:	Min: 70	Norm: 85	Max: 120	° F PSIG	Quote Sample Probe? <div>No</div>
	600	700	1200		

Probe Type _____ Pipe Diameter _____

Sample Point Connection Type **NPT** Enter Size or Rating _____

Sample Transport Distance _____ Sample Return Point Pressure _____

If present, enter the amount in your units of measure;

H2S	Glycol	Salts
H2O	Ammonia	Rust
Lube Oil	Siloxanes	Corrosives

	Min:	Norm:	Max:	° F	Quote Sample Probe? <div style="border: 1px solid black; padding: 5px; text-align: center;">No</div>
Temperature:	<input type="text"/>	<input type="text"/>	<input type="text"/>		
Pressure:	<input type="text"/>	<input type="text"/>	<input type="text"/>	PSIG	
Probe Type <input type="text"/>				Pipe Diameter <input type="text"/>	
Sample Point Connection Type <input type="text"/>			Enter Size or Rating <input type="text"/>		
Sample Transport Distance <input type="text"/>			Sample Return Point Pressure <input type="text"/>		
If present, enter the amount in your units of measure;					
H2S	<input type="text"/>	Glycol	<input type="text"/>	Salts	<input type="text"/>
H2O	<input type="text"/>	Ammonia	<input type="text"/>	Rust	<input type="text"/>
Lube Oil	<input type="text"/>	Siloxanes	<input type="text"/>	Corrosives	<input type="text"/>

[illegible]

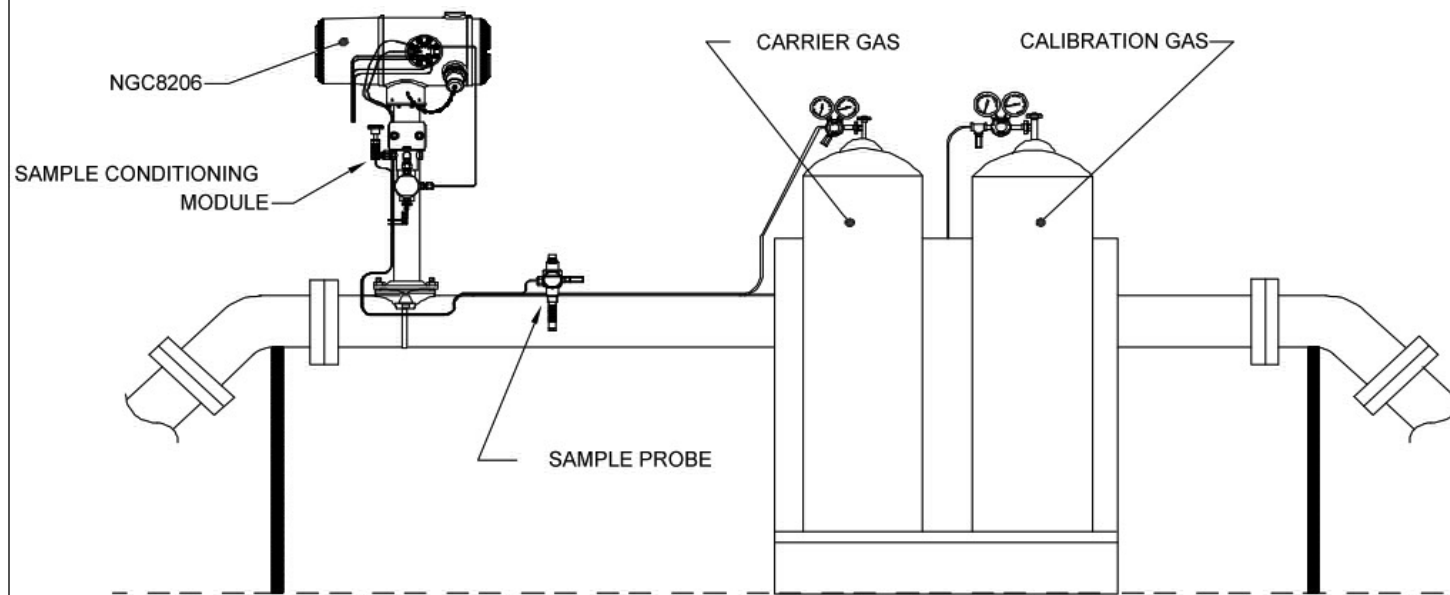
If your Stream Composition is available in another document, you may attach it with your questionnaire and skip these pages.

	Min:	Norm:	Max:	o F	Quote Sample Probe?
Temperature:	<input type="text"/>	<input type="text"/>	<input type="text"/>		No
Pressure:	<input type="text"/>	<input type="text"/>	<input type="text"/>	PSIG	
Probe Type <input type="text"/>				Pipe Diameter <input type="text"/>	
Sample Point Connection Type <input type="text"/>			Enter Size or Rating <input type="text"/>		
Sample Transport Distance <input type="text"/>			Sample Return Point Pressure <input type="text"/>		
If present, enter the amount in your units of measure;					
H2S	<input type="text"/>	Glycol	<input type="text"/>	Salts	<input type="text"/>
H2O	<input type="text"/>	Ammonia	<input type="text"/>	Rust	<input type="text"/>
Lube Oil	<input type="text"/>	Siloxanes	<input type="text"/>	Corrosives	<input type="text"/>

[illegible]

	Min:	Norm:	Max:	o F	Quote Sample Probe?
Temperature:	<input type="text"/>	<input type="text"/>	<input type="text"/>		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">No</div>
Pressure:	<input type="text"/>	<input type="text"/>	<input type="text"/>	PSIG	
Probe Type				Pipe Diameter	
<input type="text"/>				<input type="text"/>	
Sample Point Connection Type			NPT	Enter Size or Rating	
<input type="text"/>				<input type="text"/>	
Sample Transport Distance			Sample Return Point Pressure		
<input type="text"/>			<input type="text"/>		
If present, enter the amount in your units of measure;					
H ₂ S	<input type="text"/>	Glycol	<input type="text"/>	Salts	<input type="text"/>
H ₂ O	<input type="text"/>	Ammonia	<input type="text"/>	Rust	<input type="text"/>
Lube Oil	<input type="text"/>	Siloxanes	<input type="text"/>	Corrosives	<input type="text"/>
	<input type="text"/>		<input type="text"/>		<input type="text"/>

TYPICAL PIPE-RUN INSTALLATION

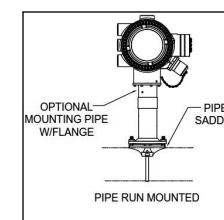
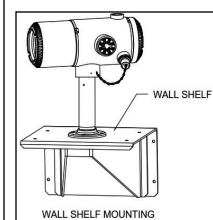
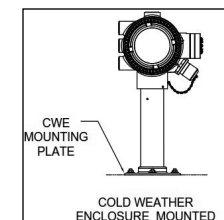
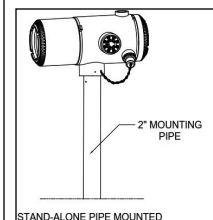


ANALYZER MOUNTING OPTIONS

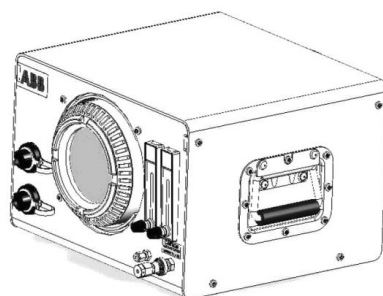
Wall-Mount Shelf

2 inch Pipe Required? None

Pipe Run Diameter (inches): 0



NGC PORTABLE OPTIONS



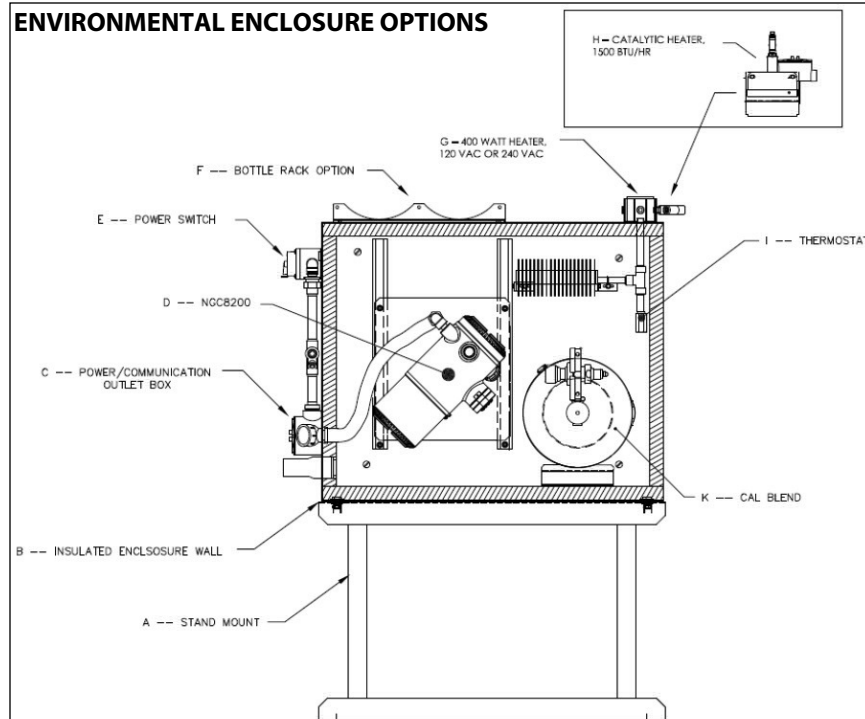
NGC PORTABLE

Calibration and Sample Connections

Select

CUSTOM ENCLOSURES OF ALL SIZES AND CONFIGURATIONS CAN BE PROVIDED UPON REQUEST.

ENVIRONMENTAL ENCLOSURE OPTIONS



Large Environmental Enclosure Configurations

Certification:	Not Certified
Heating Option:	None
Mounting Option:	None
Power Options:	None
Support Legs:	None
Bottle Rack:	None
Packaging:	Pallet and Shrinkwrap (standard)

NOTE: If a certified enclosure is selected the unit will be 110VAC.

Small Environmental Enclosure Configurations

Heating Option:	
Mounting Option:	None
Bottle Rack:	None
Packaging:	Pallet and Shrinkwrap (standard)

NOTE: Small enclosure cannot be used for dual analyzers.