



Sales Quote

INDUSTRIAL BUSINESS INTL CORP

1580 Sawgrass Corporate Parkway
Suite 130, Sunrise, FL 33323
Tel: 954-302-3187, 315-4781
Fax: 954-838-7746
E-mail: ibicorp@intech-ie.com
Tax Certificate No. 16-8012998465-1

Quote #

IBI-2025-0161

Date:

Oct 29th, 2025

Customer ID

PDVSA CRP

Bill To:

HAFRAN SERVICIOS MULTIPLES C.A.

Urb Los Taues, Edo Falcon
Venezuela
Rif j-08524838-2a
loropeza@hafran.com

Ship To:

PDVSA CRP
Cardon Refinery Warehouse
Punto Fijo, Edo Falcon, i
Venezuela

Your #	Our #	Sales Rep	FCA	SHIP VIA	Terms	Validity
Budgetary	2025-0161/ EL	L. Zuñiga, G. Novoa	INTECH Pto La Cruz	Pick up by customer	100% Prepayment with Order	60 days

Item	Qty	Description	Unit Pr US\$	Total US\$
1	1	ENOTEC Oxygen Analyzer System OXITEC 5000 Gas EX Includes: 1 pc KEX5001175T0 OXITEC InSitu O2 probe, w. sintered metal fiber solenoid valve and cooling protect tube <u>Probe</u> Probe type: KEX 5001 Filter unit: Sintered metal filter head with flame arrestor Test gas shut-off: EEx em test gas solenoid valve, U= 155 VAC Conformity: ATEX II 2G Certified to: Ex d IIC T3 Gb IP code terminal box: IP66 (color: RAL 6029) Probe material: 1.4571 (316Ti) Cooling prot. Tube material: PROTEC Cooling protect. Tube Flange: ASME B16.5; ANSI 4" 150 Lbs RF Cooling prot. Tube insert. depth: 1000 mm Flue gas temperature max.: 1400 °C Ambient temperature: -20 °C to +55 °C Flue gas pressure: ±50 mbar Flue velocity: 0-50 m/sec <u>O2 - Sensor</u> Response time: approx. 0,5 sec. T-90-time: approx. 5,0 sec. (horizontal mounted) Sensor-accuracy: better 0,01% O2 Sensor-resolution: better 1 ppm O2 Measuring principle: Zirconium oxide Sensor temperature: 800 °C max. O2-sensor life time: on average 7-8 years (depending on the application) ATEX certification from German EXAM Institute. 1 pc SME-5D3F7000 OXITEC electronic unit with HART interface ATEX double-housing with integral HCU Unit housing SME-5D: 2 cast aluminum field housings with windows; mounted on rails; RAL 6029 Protection: IP66	61,500.00	61,500.00

	Certification: ATEX II 2G Ex d IIC T6 Gb EMC tested according to: EN 55011:2007+A2:2007, EN 61000-6-2:2005 EN 61000-3-2:2006 & EN 61000-3-3:1995+A1:2001+A2:2005 Dimensions: aprox. 356x700x249 mm (HxWxD) Weight: aprox. 35 kg; depending on options up to 36 kg Line voltage: 115 VAC $\pm$ 10 %; f = 50 Hz Heater voltage: 115 VAC Ambient temperature: -20 °C to +55 °C O2 measuring ranges: 2; from 0-2 % O2 to 0-25 % O2; freely configurable O2 value memory: on and off switchable; active during calibration Accuracy: $\pm$ 0.2 % of reading; max. $\pm$ 0.01 % O2 Response: < 200 ms Output: configurable 0/4-20 mA; potential-free; 500 max. Relays output: system failure; maintenance; O2 range; O2 limits Digital input: calibration release; O2 measuring range selection LED status indicators: alarm, error & maintenance Calibration*: 1-point w. instrument air (end gas) or 2-point w. air & test gas bottle; by external apply & piping Auto. calibration*: execution by time interval (1-90 days) or by external release signal Pneumatic unit (option): separate field housing, 400x300x218 mm (HxWxD); instrument air with manual flow monitoring and display; weight approx.10 kg COMTEC (option): module COMTEC to measure COe Interface (option): HART Operation: keypad; soft keys; menu-driven; self-explanatory LC-display Language: English/German <u>Failsafe heater control (HCU - 0001)</u> ATEX approved failsafe heater shut down, if the sensor temperature exceeds the set point for the internal probe heater to guarantee the probe temperature class T3. <i>* Built in pneumatic unit required! Other specifications on request. *</i> 1 pc SME-5000060 SME 5 test gas and reference air supply for instrument air; EEEx d systems The pneumatic unit in a separate field case IP 65 can be installed beside the ATEX-probe and is suitable for customers instrument air. The installed flow meters, for reference air and test air (test gas), allow gas flow control during semi-automatic calibration of the <i>ENOTEC</i> analyzer. <u>Technical data :</u> Protection: IP 65 Material: steel sheet case Dimensions: approx. 400x300x210 mm (HxWxD) Weight: approx. 10 kg Color: RAL 6029 green Connection: 1/4 " Parker for gas and air. Air pressure: 2 - 10 bar Air quality: dry and oil-free; - 40 °C dew point Air volume: 30 l/h (measuring); 100 l/h (calibration) Test gas pressure: 0,5 to 3 bar 50 Mts FEP-0009 OXITEC O2 probe signal cable with 2nd thermocouple wires redundant The probe signal cable is a special cable supplied by ENOTEC to transmit the O2-sensor mV-signal, the 2 O2-thermocouple mV-signals, the O2-probe heater power, between probe and electronic unit. Max. distance standard between probe and electronic unit is 150 mts. Cable insulation flame resistant and ultra violet resistant. 1 pc FEP-0009-CG2, 2 pc. cable glands for sealing 3/4"NPT;for FEP-0009; ATEX EEExd IIC 50 Mts FEP-0002 ENOTEC pneumatic cable with 2x6x1 mm hoses probe-electronic unit		
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		The ENOTEC-pneumatic cable is a special double pneumatic hose to transport the reference air and, if required the test gas to the probe. Max. distance between probe and electronic 150m for pneumatic units using customer instrument air supply, or max. 50m for internal pump versions. Cable insulation is flame retardant and UV-resistant. 50 Mts FEP-0011 OXITEC/COMTEC-solenoid valve cable between probe and electronic unit The solenoid control cable between the electronic unit and the probe is a special cable delivered by ENOTEC to transmit power to the probe test gas solenoid valve (optional). Max. distance standard between probe and electronic unit is 150 meter. Cable insulation flame resistant and ultra violet resistant. 1 pc FEP-0011-CG1 1 pc. cable gland for sealing 1/2"NPT;for FEP-0011; ATEX EExd IIC 1 pc VKS5D1 Packing costs for 1 ENOTEC analyzer 2 boxes: probe, electronic & accessories 1pc VKPNEU Packing costs for PNEUMATIC UNIT		
2	1	On-site Assistance on Commissioning, Start-up & Training on One (1) ENOTEC Systems to be done on CRP Complex, Refineria Cardon Jobsite, Venezuela, by One (1) Certified Technician during Two (2) Working days	5,000.00	5,000.00
		Shipping: 7-10 days after receive your Order and payment confirmation Cci Ing. German Novoa – NOVOA SERVICES C.A.		

PLEASE TRANSFER TO OUR ACCOUNT AT:

TRUIST Bank
450 North Pine Island
Plantation, FL 33324
Account #: 0140953040
ABA# 053-101-121
Routing/Transit Number: 2631-9138-7
Swift Code: BRBTUS33

THANK YOU FOR YOUR BUSINESS

Subtotal	US\$	66,500.00
Freight	US\$	-
Insurance	US\$	-
Docs.	US\$	-
TOTAL	US\$	66,500.00