

Instrumentos y Equipos C.A

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RIF J-30615033-1

Quote # C-2025-0074
Date: 21/02/2025
Customer ID DDL -NBP

Bill to:
Demerara Distillers Ltd Plantation Diamond East Bank Demerara Georgetown, Guyana Phone: (592) 2656000 Ext.3410 Attn: Nigel Jagdeo E-mail: njagdeo@demrum.com

Ship to:
Demerara Distillers Ltd CIF - Georgetown Airport, Suriname

Sales Rep.	Your #	Our #	Destiny	Terms	Validity
N. Carricatti	Email	C-2025-0074/PL-Eno-223454	Guyana	See below	30 days

Item	Cant	Description	Unit Price US\$	Total US\$
1	1	COMTEC O2/COe PROBE W. SINT METAL FILTER SF (2.4816, 30 µM), MXP, PT (DN80PN16), ENOTEC PN KES6A013D1AS Probe Probe type: KES-6A01 Insertion depth: 440 mm Filter unit: sintered metal filter with V-shield Test gas shut-off: stainless steel solenoid valve, U~ = 115 VAC IP code terminal box: IP65 (colour: RAL 6029) Probe material: stainless steel (SS316) Protection tube material: stainless steel (SS316) Protection tube flange: ANSI 4" 150 lbs Flue gas temp. continuous: 500 °C Ambient temperature: -40 °C to +80 °C Flue gas pressure: •)50 mbar (atmospheric pressure) Flue velocity: 0-10 m/s MXP - COe - Sensor Measuring range COe: 1 range, min.: 0-1000 ppm / max.: 0-5000 ppm (factory adjustable, other ranges on request) Measurement accuracy COe: < 5.0 % of range end Measuring principle: MXP sensor for COe/Combustibles MLT O 2 sensor Response time: < 1 s (with test gas) T-90-time: < 5 s (with test gas) Measurement accuracy O2: < 0.5 % of measured value or 0.02 Vol. % O2 (higher value valid) Measuring principle: Zirconium oxide Sensor temperature: 800 °C The multi-layer MLT protective coatings extend the life of the oxygen sensor,	\$14.074,00	\$14.074,00

		<p>especially in flue gases containing SO₂ and CO. Dust particles (<10 μm) which pass through the probe's diffusion filter to the O₂ sensor are largely kept away from the active platinum electrode of the O₂ sensor by these protective layers.</p> <p>Notice ENOTEC InSitu analyzers measure O₂ molecules direct in the flue gas of combustion plants or in comparable inert gas mixtures. If oxidizable gas components are contained in this gas mixture, contact ENOTEC.</p> <p>The measuring range/flue gas data must be made available to ENOTEC with the order.</p> <p>Other specifications on request!</p>		
2	1	<p>COMTEC ELECTRONIC UNIT W. HART INTERFACE INCL. TEST GAS AND REFERENCE AIR SUPPLY, ENOTEC PN SME-53117M10</p> <p>COMTEC electronic unit w. HART interface incl. test gas and reference air supply</p> <p>Unit housing SME-53: steel sheet field housing with window, RAL 6029 Protection: IP66 Dimensions: approx. 400x300x240 mm (HxWxD) Weight: approx. 17 kg, depending on options up to 19 kg Line voltage: 115 V AC • } 10 %, f = 50/60 Hz Heater voltage: 115 V AC Ambient temperature: -20 °C to +55 °C Sensor signal value memory: on and off switchable, active during calibration O₂ output: configurable 0/4-20 mA, active (source), galvanically isolated, 500 Ω max. CO_e output: 4-20 mA, active (source), galvanically isolated, 500 Ω max. Relays output: system failure, maintenance, solenoid valve probe, measuring ranges: 1 limit value each for O₂ and CO_e (<i>alternatively assignable by factory on request</i>) Digital input: calibration release, O₂ measuring range selection (<i>alternatively assignable by factory on request</i>) LED status indicators: alarm, error and maintenance Calibration: 1-point with instrument air or 2-point with air and test gas bottle by external supply and piping Automatic calibration: execution by time interval (1-90 days) or by external release signal Pneumatic integrated (option): flow monitoring for test gas and reference air, automatic apply of test air and test gas on calibration, requires on-site instrument air and test gas supply of the electronics Interface: ENOTEC REMOTE, HART Operation: keypad, soft keys, menu-driven, self-explanatory LC-display Language: English/German</p> <p>COMTEC MXP sensor board Upgrade of the SME-53 electronic unit for the measurement of the signals from the InSitu CO_e sensor. The CO_e output signal is a trend signal for the plausibility check of the O₂ signal. An increase of O₂ signals will cause a decrease of the CO_e signal and vice versa. The CO_e sensor response test can be done with a test gas, which does contain CO. Depending on the flue gas composition the test gas must contain SO₂ as well for cross sensitivity compensation</p>	\$12.859,00	\$12.859,00

		<p>Pneumatic unit The <i>ENOTEC</i> pneumatic unit with integrated flow controller for reference air and test gas guarantees an easy calibration and a higher accuracy. All required components are installed inside the SME-5, including a flowmeter, pressure reducer, flow control valves and solenoid valves for reference air and test gas. The customer needs only connect instrument air and a test gas bottle to the system after installation.</p> <p>The SME-5 software allows an easy fully automatic single point or two point calibration and an adjustable measured value memory is possible. A plausibility check is conducted during calibration with an indication of the sensor dynamic with test gas and probe dynamic with flue gas. The results are used to calculate the sensor life time.</p> <p>With external digital signals via internal digital inputs, the SME-5 can be remotely calibrated. More technical information regarding digital outputs and limits is available in the product manual.</p> <p>Specifications : Pressure input: 2 -10 bar Air quality: dry and oil-free, dew point -40 °C Air quantity: normally 30 l/h (max. 200 l/h during calibration) Gas connection: 1/4" Test gas pressure: max. 3 bar</p> <p><i>Other specifications on request!</i></p>		
3	1	<p>COUNTER FLANGE ANSI 4" 150 lbs TUBE: 300 mm, INNER DIAMETER: 95,6 mm, ENOTEC PN ADP-6000-300</p>	\$624,00	\$624,00
4	12	<p>PROBE CABLE COMTEC, OXITEC / COMTEC ATEX CONNECTION PROBE <> ELECTRONIC UNIT, ENOTEC PN FEP-0007</p> <p>The probe signal cable is a special cable supplied by <i>ENOTEC</i> to transmit the sensor signals, the signals of the thermocouple and the probe heater voltages between probe and electronic unit. Cable insulation is ultra violet resistant and flame resistant</p>	\$60,00	\$720,00
5	12	<p>ENOTEC PROBE PNEUMATIC CABLE CONNECTION PROBE <> ELECTRONIC UNIT, ENOTEC PN FEP-0002</p> <p>The ENOTEC pneumatic cable is a special double pneumatic hose (2x6x1 mm) to transport the reference air and, if required the test gas to the probe. Max. distance between probe and electronic 150 m for pneumatic units using customer instrument air supply, or max. 50 m for internal pump versions. Cable insulation is flame retardant and UV-resistant.</p>	\$29,00	\$348,00
6	1	<p>COMPRESSED AIR TREATMENT SYSTEM + DRYER INTEGRATED IN SHEET STEEL HOUSING, ENOTEC PN DLA-0002</p> <p>Input pressure: 4...10 bar Ambient temperature: +2...+60 °C Flow rate: max. 850 l/h Dew point inlet: +3 °C</p>	\$3.505,00	\$3.505,00

	<p>Dew point outlet: -20 °C Housing: steel sheet, wall mounting Dimensions: 400x300x220 mm Protection: IP65 Colour: RAL 6029</p> <p>Max. 4 OXITEC/COMTEC systems will be supplied by the DLA</p>		
	<p>Delivery time Weeks after receive your order and payment, Items: 8-10 weeks approx.</p> <p>The delivery time of the items offered is subject to changes generated by events outside the company's control, such as:</p> <ol style="list-style-type: none"> 1. Climatic phenomena that do not allow the transport of raw material to the factory, local transport abroad of the manufactured material and/or international transport of the product. 2. Normal functioning of Venezuelan and/or foreign customs. 3. Disruption of public order in the country of origin, country of transit and/or final country. 4. Criminal and/or terrorist acts. 5. Any other event considered force majeure. <p>INCOTERMS CIF - Georgetown Airport</p> <p>Payment terms *100% Pre-payment with PO</p> <p>Volume & Weight Volume & Weight to be advised</p>		

Please Transfer to Account of:
Bank: Amerant Bank
Address: 220 Alhambra Circle, Coral Gables,
Florida 33134, USA
ABA: 067010509
Swift: MNBMUS33

Beneficiary: INTECH INSTRUMENTOS Y EQUIPOS
C.A.
Account # 8303790106

Subtotal	US\$	32,130.00
Freight	US\$	Included
Insurance	US\$	--
Docs	US\$	--
TOTAL	US\$	32,130.00