

**INTECH Instrumentos y Equipos C.A.**

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RIF J-30615033-1

**Oferta #** C-2024-0300Rev1  
**Fecha:** 18/09/2024  
**Su referencia** correo

<b>Facturar a:</b>
<b>I ENERGY, C.A.</b> <b>RIF: J-29715366-7</b> Dirección: Torre Credicard, piso 12, oficina 123, Caracas, Venezuela 1060. Telf: 0212-9528439 Attn: Jose Mogollon Correo: jmogollon@ienergyve.com

<b>Despachar a:</b>
I Energy, C.A. Caracas – Venezuela

Vendedor	Condiciones	Referencia	Destino	Términos	Validez
S. Mendez	DDP	C-2024-0300/PL	CCS	Ver abajo	30 días

Item	Cant	Descripción	Unitario US\$	Total US\$
1	1	<p><b>API / DENSITY PROCESS ANALYZER MODEL L-DENS 7400 SST NPT EXd, ANTON PAAR PN 177998</b></p> <p><b><u>NOTE: The Micro Motion sensor is a fork type sensor similar to our L-Dens that has a u-tube. A direct mechanical replacement of this instrument with the L-Dens won't be possible because of the different mechanical design. It means that there are anyhow modifications on the line required. Similar by-passed connection is offered and a remote display is included.</u></b></p> <p>Each system Includes:</p> <ul style="list-style-type: none"> <li><b>L-Dens 7400 VERSION SST NPT Ex d</b></li> </ul> <p>Highly accurate process sensor for density and concentration measurement. The compact design enables inline or bypass installation with minimal integration effort. The robust oscillating U-tube measuring principle has no moving parts and is maintenance-free, with low operating costs.</p> <p>Scope of delivery 1 Pcs. Process density sensor L-Dens 7400 SST NPT Ex d 1 Pcs. Instruction Manual 1 Pcs. Adjustment Report 1 Pcs. Ex-Safety Instructions</p> <p>For hazardous areas - ATEX: Ex II 2G Ex db IIB T4/T5 Gb - IECEx: Ex db IIB T4/T5 Gb - cQPSus certified: Class I Division 1 Gr CD T4/T5 Ex db IIB T4/T5 Gb Class I Zone 1, AEx db IIB T4/T5 Gb</p> <p>Technical specifications</p>	25,330.00	25,330.00

	<ul style="list-style-type: none"> <li>- Process density: max. 3000 kg/m<sup>3</sup></li> <li>- Process temperature: -40 to 125 °C (T4) / -40 to 95 °C (T5)</li> <li>- Process pressure absolute: max. 50 bar</li> <li>- Flow rate: 100 to 500 L/h</li> <li>- Measurement uncertainty: 0.1 kg/m<sup>3</sup></li> <li>- Wetted part: stainless steel 1.4404</li> <li>- Inner diameter of tube: 6.3 mm</li> <li>- Ambient temperature:             <ul style="list-style-type: none"> <li>-40 °C to +70 °C</li> <li>-40 °C to +70 °C with Pico 3000</li> <li>-20 °C to +60 °C with Pico 3000 and HMI</li> </ul> </li> <li>- Degree of protection: IP 66 / NEMA 4X</li> <li>- Threads for cable glands: 1/2" NPT</li> </ul> <p style="margin-left: 40px;">• <b>Process Transmitter Pico 3000 VERSION HART</b></p> <p>High-performance transmitter for Anton Paar process sensors. Integrated into the sensor or as remote unit. Easy configuration by a USB interface and an optional human machine interface.</p> <p>Scope of delivery 1 Pcs. transmitter Pico 3000 HART 1 Pcs. Instruction Manual 1 Pcs. USB cable 1.8 m black</p> <p>Technical specifications - interfaces: 1 x AO 4 -20 mA, 1 x HART</p> <p style="margin-left: 40px;">• <b>L-Dens 7400 F-ADAPTER SET ANSI B16.5 1/2" CL 300, SST, FKM-LT</b></p> <p>AN 1/2" adapter set for easy installation of an L-Dens 7400 process density sensor into a pipeline.</p> <p>Scope of delivery 1 Pcs. adapter stainless steel ANSI 1/2" 4 Pcs. screw M8x25 DIN 912 A4-70 4 Pcs. ripped washer M8 2 Pcs. O-ring 7x2 FKM-LT</p> <p>Technical specifications - Flange type: Class 300 ANSI B16.5 RF - Connection Diameter: AN 1/2" - Wetted parts: AISI 316L, FKM-LT - Process temperature: -29°C to 145 °C - Process pressure absolute: min. 1 bar; max. acc. to Class 300</p> <p style="margin-left: 40px;">• <b>Pico 3000 RC NPT Ex d WALL MOUNTING REMOTE CONTROL HOUSING WITH HMI</b></p> <p>Remote housing for the high-performance transmitter Pico 3000 for Anton Paar process sensors, incl. human machine interface.</p> <p>Scope of delivery 1 Pcs. Pico 3000 RC housing NPT Ex d for wall-mount. + TFT-display Ex d 1 Pcs. Ex-Safety Instructions</p> <p>For hazardous areas - ATEX: Ex II 2G Ex db IIB T4/T5 Gb - IECEx: Ex db IIB T4/T5 Gb - CSA/UL/FM: Class I Division 1 Gr CD T4/T5 Ex db IIB T4/T5 Gb Class I Zone 1, AEx db IIB T4/T5 Gb</p>		
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	<p>Technical specifications</p> <ul style="list-style-type: none"> <li>- electronics housing made of aluminium, anodised</li> <li>- TFT-display with capacitive keys</li> <li>- ambient temperature: - 20 to 60 °C</li> <li>- degree of protection: IP 66 / NEMA 4X</li> <li>- threads for cable glands: 1/2" NPT</li> </ul> <p style="text-align: center;"> <ul style="list-style-type: none"> <li>• <b>SET OF CABLE GLANDS 1/2" NPT Ex d FOR NON-ARMORED CABLES</b></li> </ul> </p> <p>Set of two cable glands for shielded EMC-cables without armoring and four blind plugs for use in hazardous areas.</p> <p>Scope of delivery 2 Pcs. NPT 1/2" Ex cable gland for non-armored cables 4 Pcs. NPT 1/2" Ex blind plug</p> <p>For hazardous areas ATEX: Ex II 2GD Ex db IIC Gb IECEX: Ex db IIC Gb</p> <p>Technical Specifications cable gland</p> <ul style="list-style-type: none"> <li>-Type: Cable gland for non-armored shielded EMC cable</li> <li>-Material: nickel-plated brass</li> <li>-Gasket: aramid fibers bonded with NBR</li> <li>-O-ring &amp; sealing inserts: chloroprene / neoprene</li> <li>-Thread: NPT 1/2"</li> <li>-Inner jacket: 4 to 12 mm</li> <li>-Ambient temperature: -40 to 80 °C</li> <li>-Protection class: IP66 / IP68 , UL type 4X</li> </ul> <p>Technical specifications blind plug</p> <ul style="list-style-type: none"> <li>-Material: nickel plated brass</li> <li>-Thread: NPT 1/2"</li> <li>-Ambient temperature: -60 to 200 °C</li> <li>-Protection class: IP66</li> </ul> <p style="text-align: center;"> <ul style="list-style-type: none"> <li>• <b>SET OF CABLE GLANDS NPT 1/2" Ex d FOR ARMORED CABLES</b></li> </ul> </p> <p>Set of two NPT 1/2" cable glands for armored cables (steel wire armored or aluminum wire armored) and four blind plugs for use in hazardous areas.</p> <p>Scope of delivery 2 Pcs. Ex cable gland for armored cables 4 Pcs. Ex blind plugs</p> <p>For hazardous areas IECEX: Ex db IIC Gb ATEX: Ex II 2G Ex db IIC Gb cCSAus: Class I, Division 2, Groups A, B, C &amp; D</p> <p>Technical specifications cable glands</p> <ul style="list-style-type: none"> <li>-Type: cable gland for SWA and AWA cables (steel and aluminum)</li> <li>-Material: brass nickel-plated</li> <li>-Thread: NPT 1/2"</li> <li>-Inner sheath: 3.1 to 8.6 mm</li> <li>-Outer sheath: 6.1 to 13.1 mm</li> <li>-Braid thickness: 0.80 to 1.25 mm</li> <li>-Ambient temperature: -60 to 130 °C</li> <li>-Degree of protection: IP66</li> </ul>		
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		<p>Technical specifications blind plugs</p> <ul style="list-style-type: none"> <li>-Material: brass nickel-plated</li> <li>-Thread: NPT 1/2"</li> <li>-Ambient temperature: -60 bis 200 °C</li> <li>-Degree of protection: IP66</li> </ul>		
2	1	<p><b>PHASE TRANSITION ANALYZER MODEL L-SONIC 5100 AN SST L6 EXd, ANTON PAAR PN 181480</b></p> <p>Each system Includes:</p> <ul style="list-style-type: none"> <li>• <b>L-SONIC 5100 AN SST L6 EXd</b></li> </ul> <p>Sound Velocity Sensors are used for concentration measurements, product identification, product separation, phase transition, process control, and OCR measurement. The robust sensors are highly accurate and have a very short response time. They continuously monitor the quality and specifications of process liquids during production. No bypass is required.</p> <p>Scope of delivery:</p> <ul style="list-style-type: none"> <li>4 pcs Dummy plug mounted - only for transport protection</li> <li>1 Blind plug M20x1.5 Ex d, brass nickel-plated, EPDM</li> <li>1 pcs Hook spanner electronics housing Ex d</li> <li>1 pcs Factory adjustment protocol (related to the serial number of the instrument)</li> <li>1 pcs Instruction manual</li> </ul> <p>For hazardous areas</p> <ul style="list-style-type: none"> <li>ATEX: Ex II 2G Ex db IIB T4/T5 Gb</li> <li>IECEX: Ex db IIB T4/T5 Gb</li> <li>CSA/UL/FM: Class I Division 1 Gr CD T4/T5</li> <li>Ex db IIB T4/T5 Gb</li> <li>Class I Zone 1, AEx db IIB T4/T5 Gb</li> </ul> <p>Technical specifications</p> <ul style="list-style-type: none"> <li>- Process measuring range: 800 to 2500 m/s</li> <li>- Process temperature: -25 to 125 °C</li> <li>- Recommended Flow rate: &gt;0 to 6 m/s</li> <li>- Repeatability sound velocity: 0.005 m/s</li> <li>- Wetted part: stainless steel 1.4404 (316L)</li> <li>- Ambient temperature: <ul style="list-style-type: none"> <li>-25 °C to +65 °C</li> <li>-25 °C to +55 °C with Pico 3000</li> <li>-25 °C to +55 °C with Pico 3000 and HMI</li> </ul> </li> <li>- Degree of protection: IP 66 / NEMA 4X</li> </ul> <ul style="list-style-type: none"> <li>• <b>PROCESS TRANSMITTER Pico 3000 VERSION HART</b></li> </ul> <p>High-performance transmitter for Anton Paar process sensors. Integrated into the sensor or as remote unit. Easy configuration by a USB interface and an optional human machine interface.</p> <p>Scope of delivery</p> <ul style="list-style-type: none"> <li>1 Pcs. transmitter Pico 3000 HART</li> <li>1 Pcs. Instruction Manual</li> <li>1 Pcs. USB cable 1.8 m black</li> </ul> <p>Technical specifications</p> <ul style="list-style-type: none"> <li>- interfaces: 1 x AO 4 -20 mA, 1 x HART</li> </ul>	17,681.00	17,681.00

		<ul style="list-style-type: none"> <li> <b>Pico 3000 HMI L-SONIC</b>  User friendly human machine interface for Anton Paar process sensors in combination with Pico 3000 transmitters.   Scope of delivery  1 Pcs. human machine interface Pico 3000 HMI   Technical specifications  - TFT-display with capacitive keys  - ambient temperature: - 20 to 55 °C </li> <li> <b>L-Sonic 5100 ADAPTER SET ASME B16.5 2" TO 3" CLASS 150</b>  Adapter to install a L-Sonic 5100 on a 3" ASME B16.5 Class 150 flange.   Scope of delivery  1 Pcs. Adapter 2" to 3" ASME B16.5 Class 150  1 Pcs. Flat gasket ASME B16.21 2" Class 150 KLINGERSIL C-4400   Technical specifications  - Wetted materials: 1.4404, KLINGERSIL C-4400  - Flange: ASME B16.5 Class 150  - Adapter length: 33 mm  - Maximum pressure: according to Class 150  - Maximum temperature: 125 °C (145 °C for max. 30 min) </li> <li> <b>SET OF CABLE GLANDS 1/2" NPT Ex d FOR ARMORED CABLES</b>  Set of two cable glands for shielded EMC-cables without armoring and four blind plugs for use in hazardous areas.   Scope of delivery  2 Pcs. NPT 1/2" Ex cable gland for non-armored cables  4 Pcs. NPT 1/2" Ex blind plug   For hazardous areas  ATEX: Ex II 2GD Ex db IIC Gb  IECEX: Ex db IIC Gb   Technical Specifications cable gland  -Type: Cable gland for non-armored shielded EMC cable  -Material: nickel-plated brass  -Gasket: aramid fibers bonded with NBR  -O-ring &amp; sealing inserts: chloroprene / neoprene  -Thread: NPT 1/2"  -Inner jacket: 4 to 12 mm  -Ambient temperature: -40 to 80 °C  -Protection class: IP66 / IP68 , UL type 4X   Technical specifications blind plug  -Material: nickel plated brass  -Thread: NPT 1/2"  -Ambient temperature: -60 to 200 °C  -Protection class: IP66 </li> </ul>		
3	2	<b>DIFFERENTIAL PRESSURE TRANSMITTER MODEL DPT-20 RANGE -16 TO 16 BAR, WIKA PN 80068097</b>  Electrical approval: ATEX, IECEX, Ignition protection type: Ex i - intrinsically safe Zone: Zone 1 attached to zone 0 gas [ II 1/2G Ex ia IIC T3...T6 Ga/Gb ]	4,489.00	8,978.00

		<p>Housing material: Stainless steel cast single chamber enclosure execution: compact / IP66/IP68 (0.2bar); NEMA 6P          Digital Display: with integrated indicating/adjustment module (top)          Output signal: 4...20 mA, 2-wire, HART          Electrical connection: M20x1,5 / cable gland PA black (ø5-9mm), standard          Unit: bar          Maximal working pressure: 160 bar (16 MPa / 2400 psi)          Pressure range: -16 ... +16 bar          Process connection/mounting/material/venting: 1/4-18 NPT IEC 61518 / 7/16-20 UNF / 316L / dorsal, incl. 2 valves          Diaphragm material: 316L          Sealing (temperature range): FKM (-20 ... +85 °C)          Accuracy: 0.065 % of span          Additional equipment: with valve manifold / connection adapter          Filling of sensor: Silicone oil for regular applications (KN2)          Operating modes: Pressure measurement          Density value: 1          Density unit: kg/dm<sup>3</sup>          Linearization curve: linear          Damping [s]: 1 s (default setting)          Output signal low level in %: 0%          Output signal low level in %: 100%          Displayed value: differential pressure (acc. scaling)</p>		
4	2	<p><b>FIELD-TEMPERATUR-TRANSMITTER WITH HART CURRENT LOOP AND INDICATOR MODEL TIF50-I RANGE 0 TO 200 °F, WIKA PN 80068098</b></p> <p>display modul: HART® -Slave/ 4...20 mA (Standard modul)</p> <p>Design / Approval          Field housing, Ex i - gas/dust          Certifications integrated display module: ATEX/IECEx          Aluminium, Single chamber housing          3 x thread 1/2 NPT          Transmitter for TIF: T32 customer specified configuration          Digital temperature transmitter T32 with HART-protocol          Specifications according to data sheet: TE 32.04          Output signal: 4 ... 20 mA, 2-wire-design          Input: configurable by means of software          Measuring range: configurable by means of software          model: T32.1S, head mounting          Explosion protection: Ex ia, for          ATEX/IEC/CSA/FM/EAC/KOSHA/NEPSI/INMETRO/PESO          SIL-Statement: not for SIL applications          HART revision: HART® 5          Configuration: customer's specification          Permissible ambient temperature : -40 °C ... +85 °C          Transmitter configuration:          Input: resistance thermometer Pt 100          Sensor-functionality: Double-sensor          Sensor-calculation-functionality: Sensor 1, Sensor 2 redundant          Sensor-Drift-Detection: not active          Input Configuration: 2-wire          Unit: °F          Measuring Range: 0 °F ... 200 °F          Output: 4-20mA linear to temperature          Lower Output Limit: to NAMUR (3,8 mA)          Upper Output Limit: to NAMUR (20,5 mA)          Signaling of Sensor Error: 3,5 mA (NAMUR down scale)</p>	1,561.00	3,122.00

		Current value for signalling up scale: 21,5 mA (NAMUR up scale) Signaling of Sensor Error: NAMUR down scale < 3,6 mA Damping: minimal (0,5 s)		
5	1	<b>OUTSIDE MICROMETER MODEL 103-221 RANGE 6" TO 7", MITOTUYO PN 103-221</b>  Vernier scale in inch units for taking precise outside diameter (OD) measurements Ratchet-stop mechanism helps provide uniform pressure for precise, repeatable measurements Baked enamel finish for protection and durability of frame Satin chrome finish on thimble and sleeve helps resist rust and reduce glare Carbide facing on spindle and anvil provides wear resistance Graduation: +/- 0.0001" Accuracy: +/- 0.0002	608.00	608.00
		<b>Tiempo de entrega</b> Luego de recibir orden de compra y pago, Items 1,2: 7-10 semanas aprox. Items 3,4: 12-14 semanas aprox. Item 5: 2-4 semanas aprox.  El tiempo de entrega de los elementos ofertados queda sujeto a cambios generados por eventos fuera de manejo de la compañía como: 1. Fenómenos climáticos que no permitan el transporte de materia prima a la fábrica, transporte local en el extranjero del material manufacturado y/o transporte internacional del producto. 2. Normal funcionamiento de aduana Venezolana y/o extranjeras. 3. Alteración del orden público en el país de origen, país en tránsito y/o país final. 4. Actos delictivos y/o terroristas. 5. Cualquier otro evento considerado de fuerza mayor.  <b>Términos de pago</b> Prepago con Orden de Compra  <b>Volumen y Peso</b> Peso y volumen por avisar		

<b>Subtotal</b>	<b>US\$</b>	<b>55,719.00</b>
<b>Flete</b>	<b>US\$</b>	<b>Incluido</b>
<b>Seguro</b>	<b>US\$</b>	<b>Incluido</b>
<b>IVA 16 %</b>	<b>US\$</b>	<b>8,915.04</b>
<b>TOTAL</b>	<b>US\$</b>	<b>64,634.04</b>

**CONDICIONES DE PAGO**  
**COMPONENTE IMPORTADO**

1. En DOLARES AMERICANOS (US\$) o en EUROS equivalentes mediante transferencia bancaria a cualquiera de las siguientes cuentas

AMERANT BANK (in US\$)  
220 ALHAMBRA CIRCLE, CORAL GABLES, FL. 33134  
CUENTA NUMERO 8303790106  
BENEFICIARIO INTECH INSTRUMENTOS Y EQUIPOS C.A.  
ABA 067010509  
SWIFT MNBMUS33

**COMPONENTE NACIONAL**

1. En BOLIVARES (Bs.) mediante transferencia bancaria

Banco Mercantil  
Cuenta Corriente a nombre de INTECH Instrumentos y Equipos C.A.  
– 0105-0011-73-1011-50499-5

<p><b>Condiciones de Venta</b></p>
<p><i>Todos los Equipos suministrados por INTECH Instrumentos y Equipos son Nuevos y cuentan con Certificados de Conformidad del Fabricante en caso de ser requeridos</i></p> <p><i>El <b>Pedido Mínimo de Importación exclusiva es de US\$ 700.00</b> De ser menor la Orden será incluida en nuestro pedido ordinario mensual al proveedor por lo que habría que añadir 3-4 semanas adicionales al tiempo de entrega ofertado</i></p>
<p><b>Notas:</b></p>
<p><i>*El valor del material podrá ser pagado en US\$, EUR o en Bs previo acuerdo y aceptación entre ambas partes, y para este último el cálculo del mismo es tomado de acuerdo a lo informado por el Banco Central de Venezuela en su portal web <a href="http://www.bcv.org.ve">www.bcv.org.ve</a> <b>y debe ser cancelado a la tasa oficial del día de pago</b></i></p> <p><i>*El valor del IVA podrá ser pagado y/o retenido en moneda local (Bs) a la tasa referencial del día en caso de que el mismo no pueda ser pagado en US\$. El valor utilizado para el cálculo del mismo es tomado de acuerdo a lo informado por el Banco Central de Venezuela en su portal web <a href="http://www.bcv.org.ve">www.bcv.org.ve</a> <b>y debe ser cancelado a la tasa oficial del día de pago</b></i></p>
<p><b>Aporte Social:</b></p>
<p>No solicitado</p>
<p><b>Garantía</b></p>
<p><i>Todos los materiales mantienen las condiciones de garantía Standard de los fabricantes.</i></p> <p><i>INTECH como representante y/o distribuidor exclusivo de múltiples marcas en el área de Instrumentación Industrial, calentamiento Eléctrico y Protección de sobrevoltajes, solo suministrara garantía y servicio a los equipos y materiales adquiridos a través de los canales de venta autorizados de INTECH tanto localmente como internacionalmente</i></p>
<p><b>Observaciones:</b></p>
<p><i>Pedido Mínimo <b>US\$ 300.00</b></i></p> <p><i><b>En caso de Pedidos con Condiciones de Prepago, el Impuesto IVA puede ser cancelado a la entrega del material</b></i></p>