

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

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**Despachar a:**

Prof. Juan Álvarez  
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Caracas - Venezuela

Vendedor	Condiciones	Referencia	Destino	Términos	Validez
N. Carricatti	DDP	C-2024-0280/PL- J-L-22/08/2024	CCS	Ver abajo	30 días

Item	Cant	Descripción	Unitario US\$	Total US\$
1	1	<p><b>XRDynamic 500 DIFFRACTOMETER BASE SYSTEM, ANTON PAAR PN 192000</b></p> <p>XRDynamic 500 Diffractometer Base System, including:</p> <ul style="list-style-type: none"> <li>- XRDynamic radiation enclosure</li> <li>- XRDynamic platform including one storage drawer</li> <li>- Internal vacuum pump for XRDynamic 500 optics</li> <li>- XRDynamic Vertical Theta-Theta Goniometer</li> <li>- Height alignment (Z-) stage</li> <li>- Fixed sample stage (reflection/transmission)</li> <li>- Standard sample holders (25 ID, 1 SD, 6 pcs)</li> <li>- XRDrive data acquisition and control software</li> <li>- XRView data visualization software (10 license activations)</li> <li>- Spare parts package</li> <li>- Set of accessories and tools</li> </ul> <p>Includes:</p> <p><b><u>XRDynamic on-site installation and training</u></b></p> <ul style="list-style-type: none"> <li>- <b><u>System commissioning</u></b></li> <li>- <b><u>Thorough introduction to system components</u></b></li> <li>- <b><u>Setting up experiments</u></b></li> <li>- <b><u>Measurement of selected (validation) samples</u></b></li> <li>- <b><u>Extensive training on all relevant software packages</u></b></li> </ul>	\$240.068,00	\$240.068,00
2	1	<p><b>PRIMUM 3000 X-RAY SOURCE WITH PRIMARY OPTICS, ANTON PAAR PN 192002</b></p> <p>-Primux 3000 X-RAY SOURCE with primary optics unit for XRDynamic 500, including:</p>	\$67.195,00	\$67.195,00

		<ul style="list-style-type: none"> <li>- Primux 3000 tube tower without X-ray tube</li> <li>- Vacuum-tight primary optics housing (XRDynamic 500)</li> <li>- Motorized X-ray optics mount (X-ray optics not included)</li> <li>- Motorized absorber/filter wheel with 6 positions including K-beta filters for Cu, Co, and Mo radiation and a Cu absorber (0.1 mm thick)</li> <li>- Motorized Soller slit mount (Soller slit not included)</li> <li>- Motorized beam mask</li> <li>- Motorized divergence slit</li> </ul>		
3	1	<p><b>HIGH-VOLTAGE POWER SUPPLY (3 kW) FOR Primux 3000 X-RAY SOURCE, ANTON PAAR PN 191822</b></p> <ul style="list-style-type: none"> <li>- High voltage power supply (3 kW) for Primux 3000 X-ray source</li> </ul>	\$45.674,00	\$45.674,00
4	1	<p><b>POWER SUPPLY FOR XRDynamic 500 (200V...240V, 60 HZ), ANTON PAAR PN 238332</b></p> <ul style="list-style-type: none"> <li>- Electrical control cabinet for installation in XRDynamic 500 radiation enclosure (208 V...240 V, 50/60 Hz)</li> </ul>	\$12.150,00	\$12.150,00
5	1	<p><b>WATER CHILLER – RECIRCULATION COOLER MODEL FL7006, JULABO PN 9666070</b></p> <p>JULABO FL Series Recirculating Cooler / Chillers for routine laboratory cooling applications. PID temperature control provides <math>\pm 0.5^{\circ}\text{C}</math> stability. Proportional cooling control adjusts the cooling power to the load of the application and saves energy. Units incorporate RS232 interface and alarm output for PC integration and control. Models include a splash-proof membrane keypad with LED temperature display. Easy filling / draining with a fill level indicator and overflow port on the back. Units constructed of stainless steel and high grade plastic with stainless steel internal tank. Centrifugal pressure pump provides circulation to external application.</p> <p>Air and water-cooled versions. Units with 3 and 6 bar pump include internal by-pass for pressure adjustment. Analog pressure gauge on front of the unit displays circuit pressure.</p> <p>May be used with water, water/glycol mixtures and silicone fluids. The FL300, FL601, FL1201, FL1701, FLW1701 come with 8 and 12 mm hose barbs. The FLxxx3 models come with 3/4" hose barbs. The FLxxx6 models come with 1" hose barbs.</p> <p>Included with each unit: 2 barbed fittings for tubing 1 inner dia. (pump connections G1 1/4 male)</p> <p>Voltage Version 230V/3PPE/60Hz Refrigerant R449A Working Temp Range (<math>^{\circ}\text{C}</math>) -20...40 PCF Pressure (psi) 7.3...87 PCF Rate (l/min) 60</p> <p>Includes thread adapters: *SS9007-08-08 - 1/2" BSPP m to 1/2" NPT m * 8890055 - M24x1.5 f to NPT 1/2" f * 8890071 - M24x1.5 m to M16x1 f * 8890041 - G1 1/4" f to M16x1 m</p>	\$48.674,00	48.674,00

6	1	<b>X-RAY TUBE FOR PRIMUX 3000 (Cu), ANTON PAAR PN 183003</b>  Ceramic sealed X-ray tube for Primux 3000, including: - X-ray tube (Cu, LFF) mounted in water-cooled tube jacket	\$17.869,00	17.869,00
7	1	<b>DIVERGENT BEAM MONOCHROMATOR (ALL SOURCE TYPES, OPTIMIZED FOR Cu/Co), ANTON PAAR PN 237497</b>  Advanced Ni/C multilayer divergent beam monochromator (for intrinsic Cu/ Co K-beta filtering) with mounting device for XRDynamic 500 primary optics unit. (mat. No. 192002)	\$32.816,00	32.816,00
8	1	<b>DUAL SOLLER SLIT (0.025/0.05 RAD) FOR PRIMARY OPTICS, ANTON PAAR PN 223708</b>  Dual Soller slit for XRDynamic 500 primary optics unit (mat.no. 192002), offering fully automatic selection of 0.025 or 0.05 rad slit openings.	\$7.299,00	7.299,00
9	1	<b>COMBINED SOLLER SLIT (0.025/0.05 RAD) AND PARALLEL PLATE COLLIMATOR (0.005 RAD) FOR SECONDARY OPTICS, ANTON PAAR PN 228124</b>  Combined dual Soller slit / parallel plate collimator for XRDynamic 500 secondary optics unit (mat.no. 192003), offering fully automatic selection between 0.025 or 0.05 rad Soller slit openings and 0.005 rad parallel plate collimator opening.	\$10.573,00	10.573,00
10	1	<b>PIXOS 2000 DETECTION UNIT, ANTON PAAR PN 192003</b>  In-vacuum Pixos 2000 DETECTION UNIT, including: - 0D-1D photon-counting detector (vacuum-tight) by Advacam using CERN's Timepix3 chip - High-performance silicon (Si) sensor - Vacuum-tight secondary optics and detector housing (XRDynamic 500) - Motorized anti-scatter slit - Motorized Soller slit/parallel plate collimator mount (Soller slit and parallel plate collimator not included)	\$109.651,00	109.651,00
11	1	<b>SAMPLE SPINNER (REFLECTION AND TRANSMISSION), ANTON PAAR PN 192008</b>  Sample stage for XRDynamic 500 for standard sample holders in reflection or transmission geometry with the possibility to spin the sample during the measurement.	\$27.852,00	27.852,00

12	1	<p><b>CAPILLARY SPINNER PACKAGE, ANTON PAAR PN 192009</b></p> <p>Capillary spinner and alignment microscope for XRD measurements in transmission geometry with the possibility to spin the sample during measurement, including:</p> <ul style="list-style-type: none"> <li>- Spinning stage</li> <li>- Alignment microscope</li> <li>- Capillary cementing jig</li> <li>- Capillary holders (for open and sealed capillaries)</li> </ul>	\$37.619,00	37.619,00
13	1	<p><b>EXAMPLE OF SAMPLE HOLDER, ANTON PAAR PN 238295</b></p> <p>Set of 6 standard front loading sample holders for XRD studies in reflection geometry with the following specifications:</p> <ul style="list-style-type: none"> <li>- 51.5 mm outer diameter</li> <li>- 35 (or 25 or 15)mm inner diameter</li> <li>- 1 mm or 2.5mm sample depth</li> <li>- Made of stainless steel</li> </ul>	\$3.426,00	3.426,00
14	1	<p><b>QUARTZ FUNNEL CAPILLARY (0.5 mm, 25 pcs), ANTON PAAR PN 255314</b></p> <p>Set of 25 quartz funnel capillaries for XRD measurements with the capillary spinner stage. The capillaries have the following specifications:</p> <ul style="list-style-type: none"> <li>- 0.50 mm outer diameter</li> <li>- 0.48 mm inner diameter</li> <li>- 80 mm length</li> </ul>	\$1.291,00	1.291,00
15	1	<p><b>XRDanalysis SOFTWARE PACKAGE, ANTON PAAR PN 239169</b></p> <p>The XRDanalysis software package is a state-of-the art software for powder diffraction analysis, allowing users to easily perform profile fitting and phase identification.</p> <ul style="list-style-type: none"> <li>- Includes license for up to 10 users.</li> <li>- Includes PC with integrated monitor &amp; computer accessories: HP 27 Newest Business i7 All in One Desktop, 27" FHD Display, Intel Core i7-1355U, 32GB RAM, 2TB SSD, Wired Keyboard &amp; Mouse, IR Camera, HDMI, RJ45, Wi-Fi 6, Windows 11 Pro, White</li> </ul>	\$21.863,00	21.863,00
16	1	<p><b>AC SURGE PROTECTOR SPD APEX PANEL 240 VAC 3-PHASE DELTA SASD, MOV 30Ka, UL 94-5V, TRANSTECTOR PN 1101-451</b></p> <p>Transtector AC surge protector / arrester (Also known as alternating current surge protection device or SPD as well as transient voltage surge suppressor or TVSS) 1101-451. Our AC surge protector / SPD provides overvoltage protection for your equipment and supports long-term system reliability by absorbing high amounts of transient energy while maintaining a low clamping voltage. This industrial surge protector for AC helps prevent damage from VAC overvoltage that can be caused by lightning surge and other strong electrical power spikes. The transient voltage suppressor / TVSS protection device can act as</p>	\$13.044,00	13.044,00

	<p>a lightning surge protector / arrester as well as an AC electrical overvoltage spike surge protection device.</p> <p>AC surge protector device part number 1101-451 from Transtector is designed to protect sensitive electric and electronic equipment from transient voltage. This TVSS product for alternating current offers high quality electrical surge suppressor protection. Our electrical surge protection unit is rated for outdoor use. The outdoor SPD for AC is a panel type design.</p> <p>Outdoor industrial electrical surge protection panel is part of the Transtector APEX series. 1101-451 TVSS outdoor AC surge protector is for 240 Vac applications. The 240V AC TVSS is a 3-phase delta surge protector. Our 3-phase delta 240V SPD is just one of many alternating current protection devices from Transtector.</p> <p>3-phase delta surge protector panel for lightning protection and other spikes in electrical power has a maximum amperage of 30 kA. Our industrial AC electrical / lightning SPD is rated at 30 kA on 240V. Transtector TVSS AC power protection device PDF datasheet with details of specifications.</p> <p>Protection from AC electrical surge in this Transtector panel component is in the form of Silicon Avalanche Suppression Diode (SASD) and Metal Oxide Varistor (MOV). This AC SPD uses Silicon Avalanche Suppression Diode (SASD) and Metal Oxide Varistor (MOV) circuits to protect electrical devices from spikes in alternating current power. Transient voltage surge suppression from lightning and strong electrical spike events are handled through Silicon Avalanche Suppression Diode (SASD) and Metal Oxide Varistor (MOV) protection circuits in the 1101-451 SPD.</p>		
	<p><b>Tiempo de entrega</b> Luego de recibir orden de compra y pago, Items: 12-16 semanas aprox.</p> <p>El tiempo de entrega de los elementos ofertados queda sujeto a cambios generados por eventos fuera de manejo de la compañía como:</p> <ol style="list-style-type: none"> <li>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.</li> <li>2. Normal funcionamiento de aduana Venezolana y/o extranjeras.</li> <li>3. Alteración del orden público en el país de origen, país en tránsito y/o país final.</li> <li>4. Actos delictivos y/o terroristas.</li> <li>5. Cualquier otro evento considerado de fuerza mayor.</li> </ol> <p><b>Términos de pago</b> 100% prepagado con la orden de compra</p> <p><b>Volumen y Peso</b> Peso y volumen por avisar</p>		

<b>Subtotal</b>	<b>US\$</b>	<b>697,064.00</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>111,530.24</b>
<b>IGTF</b>	<b>US\$</b>	<b>24,257.83</b>
<b>TOTAL</b>	<b>US\$</b>	<b>832,852.07</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>