



Sales Quote

INDUSTRIAL BUSINESS INTL CORP

1580 Sawgrass Corporate Parkway

Suite 130, Sunrise, FL 33323

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Tax Certificate No. 16-8012998465-1

Quote #

IBI-2024-0065

Date:

Jul 25th, 2024

Customer ID

UNIMET

Bill To:**UNIVERSIDAD METROPOLITANA****RIF: J-00065477-8**

Av Boyaca Con Autopista Petare Guarenas Edif

Eugenio Mendoza Piso 5 Of Rectorado Urb

Terrazas Del Avila Caracas (Petare) Miranda Zona

Postal 1073

Tlfn: N/D

Attn: Sergio Rosales

Correo: srosales@unimet.edu.ve

Ship To:Material will be sent to customer's
broker/warehouse, CCS - VEN

Your #	Our #	Sales Rep	Incoterms – DDP	SHIP VIA	Terms	Validity
Correo 23/07/2024	IBI-2024-0045/PL	N. Carricatti	CCS	Pick up	See below	60 days

Item	Qty	Units	Description	Unit Pr (US\$)	Total (US\$)
			BASE RHEOMETER SYSTEM		
1	1	Pc	MCR 302e MODULAR COMPACT RHEOMETER, ANTON PAAR PN 241353 -electronically commutated (EC) - permanent magnet synchronous motor with high-precision air bearing - integrated 360° capacitive normal force sensor (50 N) and high-resolution optical encoder - sample-adaptive controllers for fast and accurate measurements in rotation (TruRate) and oscillation (TruStrain) - more than 200 accessories for present and future applications - patented Toolmaster technology for automatic recognition of measuring geometries and accessories and storing of zero-gap - QuickConnect coupling for one-hand Exchange of measuring geometries within a second - trimming mirror for 360° view of the sample to avoid sample-preparation errors - patented T-Ready feature detects sample temperature equilibration - lift motor with automatic gap control (AGC) and automatic gap setting (AGS) for automatic compensation of gap changes related to temperature and normal force - display with remote control of software for minimized preparation time - optional TruGap feature for detecting the real measuring gap and accurate gap-setting in real-time HIGHLIGHT FEATURES - minimum torque of 0.5 nNm; maximum torque of 230 mNm - active thermal management of motor and bearing	\$77.217,00	\$77.217,00

			- high steel frame with more space for sample handling and exchange of accessories (CTD 1000 ready)		
2	1	Pc	AIR DRYER IDG30 (MCR XX2) WITH AIR FILTER UNIT, ANTON PAAR PN 257436 To separate oil, particle and condensate with fine filter 0.3 µm and micro filter 0.01 µm - dew point at outlet: - 40 °C - volume rate at outlet: 75 l/min - working pressure: 0.5 to 10 bar	\$2.774,00	\$2.774,00
3	1	Pc	RHEOMETER SOFTWARE RheoCompass PROFESSIONAL, ANTON PAAR PN 104907 - the most comprehensive rheometer software on the market - more than 100 predefined and customizable measurement templates (apps) - available in 8 languages (English, German, Chinese, Japanese, French, Portuguese, Spanish, Polish) - central database handles all relevant data, guarantees data security, and enables server/client functionality - countless analysis methods for routine and advanced data analysis - full automation possible (from preparation to printout of results) Additonal expansion options: - automatic data exchange with lab information management system (LIMS) - complete pharma package including audit trail and electronic signature for full compliance with QM-regulations like GLP/GMP, 21 CFR Part 11, and ALCOA+ with full data integrity - multi software license including one rheometer driver - upgradeable for the operation of several rheometers - running under Microsoft Windows 10 or 11 - recommended hardware: Intel™ i5 Dual Core, 3rd Gen "Ivy Bridge", 2.6 GHz or higher, SSD with 512 GB or more For more details please refer to the brochure or website	\$11.054,00	\$11.054,00
			PELTIER TEMPERATURE SYSTEM – AIR – PLATES GEOMETRIES		
4	1	Pc	P-PTD 220/AIR FOR MCR xx2 / MCR xx2e PELTIER TEMPERATURE DEVICE (PLATE), ANTON PAAR PN 246290 - temperature range: -10°C to 220°C (low temperature range depends on the ambient conditions) - plate with active Peltier temperature control (heating/cooling) - for cone/plate and parallel plate measuring geometries - with built-in fan for air counter-cooling - with universal plate holder (screw-on thread) for use of measuring plates (also disposable) and other accessories - with Toolmaster for automatic tool recognition and configuration	\$6.281,00	\$6.281,00

			- installation in the rheometer through three-point support without the risk of misalignment - maximized torsional stiffness due to constructional torque support		
5	1	Pc	H-ATD 50 COVER FOR PLATE SYSTEMS PASSIVE TEMPERATURE DEVICE (HOOD), ANTON PAAR PN 259608 - Cover for optimal temperature gradients - Temperature range 0 °C to 50 °C - For cone/plate and parallel plate measuring geometries (max 50 mm) - Only usable in combination with included 50 mm plate - suitable for all temperature devices with external thread M60	\$2.385,00	\$2.385,00
6	1	Pc	COVER / SOLVENT TRAP 80 mm PEEK FOR P-PTD 200 / P-PTD 220, ANTON PAAR PN 107716 - consists of two hight-adjustable halves made from PEEK and metal - suitable up to 220 °C and solvent-based samples - suitable as solvent trap for PP/CP measuring geometries > 25 mm - suitable as cover for all PP/CP measuring geometries up to 75 mm - can be put in place after sample loading and trimming - can not be used in combination with active Peltier hood	\$1.958,00	\$1.958,00
			PELTIER TEMPERATURE SYSTEM – LIQUID – PLATES GEOMETRIES		
7	1	Pc	P-PTD 220 FOR MCR xx2e PELTIER TEMPERATURE DEVICE (PLATE), ANTON PAAR PN 246253 - temperature range: -50°C to 220°C - plate with active Peltier temperature control (heating/cooling) - for cone/plate and parallel plate measuring geometries - with universal plate holder (screw-on thread) for use of measuring plates (also disposable) and other accessories - with Toolmaster for automatic tool recognition and configuration - installation in the rheometer through three-point support without the risk of misalignment - maximized torsional stiffness due to constructional torque support	\$6.281,00	\$6.281,00
8	1	Pc	H-PTD 220 FOR MCR xx2 / MCR xx2e PELTIER TEMPERATURE DEVICE (HOOD), ANTON PAAR PN 246476 - temperature range -50°C to 220°C - hood with active Peltier temperature control (heating/cooling) - for cone/plate and parallel plate measuring geometries - active illumination of the measuring area through integrated LEDs - minimum sample temperature gradients (according to AASHTO T315/ASTM D7175) - with Toolmaster for automatic tool recognition and configuration - for use in combination with Peltier temperature device (plate)	\$9.538,00	\$9.538,00

9	1	Pc	CIRCULATION THERMOSTAT CP-200F -20...200°C; +/-0.03K; 115V/60Hz PN 232756	\$10.093,00	\$10.093,00
10	1	Pc	EVAPORATION BLOCKER SYSTEM H-PTD 220 FOR P-PTD 220 WITH SCREW-ON THREAD, ANTON PAAR PN 251545 minimizes evaporation of solvent or water from the sample	\$1.263,00	\$1.263,00
			PLATES GEOMETRIES		
11	1	Pc	MEASURING PLATE PP20 D: 20 mm, ANTON PAAR PN 3049	\$1.408,00	\$1.408,00
12	1	Pc	MEASURING PLATE PP50 D: 50 mm, ANTON PAAR PN 79045	\$1.751,00	\$1.751,00
13	1	Pc	MEASURING CONE CP25-2 D: 25 mm; ANGLE 2°, ANTON PAAR PN 79039	\$1.408,00	\$1.408,00
14	1	Pc	MEASURING CONE CP50-1 D: 50 mm; ANGLE 1°, ANTON PAAR PN 79040	\$1.751,00	\$1.751,00
15	1	Pc	MEASURING PLATE PP25/S D: 25 mm; SANDBLASTED, ANTON PAAR PN 3997	\$1.758,00	\$1.758,00
			PELTIER TEMPERATURE SYSTEM – AIR – CILINDRIC GEOMETRIES (INCLUDED)		
16	1	Pc	C-PTD 180/AIR PELTIER TEMPERATURE CONTROL DEVICE, ANTON PAAR PN 108170 - for concentric cylinder measuring geometries - temperature range: 0 to 180 °C	\$10.076,00	\$10.076,00
17	1	Pc	SOLVENT TRAP C-PTD 180/AIR ST-CYL-C/AIR/Q1, ANTON PAAR PN 152798 suitable for cups - CC17 - CC27 - DG26,7	\$909,00	\$909,00
18	1	Pc	MEASURING SYSTEM CC17/AL FOR C-PTD 180/AIR, ANTON PAAR PN 131767 consisting of: - measuring cylinder B-CC17/Q1 - measuring cup C-CC17/AL/AIR	\$3.021,00	\$3.021,00

19	1	Pc	MEASURING SYSTEM CC27/SS FOR C-PTD 180/AIR, ANTON PAAR PN 131766 consisting of: - measuring cylinder B-CC27/Q1 - measuring cup C-CC27/SS/AIR	\$3.159,00	\$3.159,00
20	1	Pc	MEASURING SYSTEM DG26.7 FOR C-PTD 180/AIR, ANTON PAAR PN 131768 consisting of: - measuring cylinder B-DG26,7/Q1 - measuring cup C-DG26,7/AIR	\$5.675,00	\$5.675,00
			PELTIER TEMPERATURE SYSTEM – LIQUID – CILINDRIC GEOMETRIES (INCLUDED)		
21	1	Pc	C-PTD200 PELTIER TEMPERATURE CONTROL DEVICE, ANTON PAAR PN 16097 - for concentric cylinder measuring geometries - temperature range: -30 to 200 °C	\$10.076,00	\$10.076,00
22	1	Pc	SOLVENT TRAP ST-CYL-C/Q1, ANTON PAAR PN 79015	\$582,00	\$582,00
23	1	Pc	CV-CYL/Q1 COVER FOR MEASURING CUP (PEEK), ANTON PAAR PN 1763	\$428,00	\$428,00
24	1	Pc	STANDARD MEASURING SYSTEM CC17/T200/SS, ANTON PAAR PN 18343 consisting of: - measuring cylinder B-CC17/Q1 - measuring cup C-CC17/T200/SS	\$3.021,00	\$3.021,00
25	1	Pc	STANDARD MEASURING SYSTEM CC27/T200/SS, ANTON PAAR PN 3912 consisting of: - measuring cylinder B-CC27/Q1 - measuring cup C-CC27/T200/SS	\$3.159,00	\$3.159,00
26	1	Pc	MEASURING SYSTEM DG27/T200/SS, ANTON PAAR PN 49927	\$5.671,00	\$5.671,00
27	1	Pc	CIRCULATION THERMOSTAT CP-200F -20...200°C; +/-0.03K; 115V/60Hz PN 232756	\$10.093,00	\$10.093,00

			ELECTRICAL TEMPERATURE SYSTEM – AIR/LIQUID – PLATES GEOMETRIES		
28	1	Pc	P-ETD400 ELECTRICALLY HEATED TEMPERATURE DEVICE, ANTON PAAR PN 16080 - for cone/plate and parallel plate measuring geometries - temperature range: -150 to 400 °C	\$10.857,00	\$10.857,00
29	1	Pc	H-ETD400 HOOD WITH ELECTRICAL HEATING/GAS COOLING, ANTON PAAR PN 16081 - temperature range: -150 to 400 °C - incl. flow meter units and magnetic valve	\$16.057,00	\$16.057,00
30	1	Pc	CIRCULATION THERMOSTAT CP-200F -20...200°C; +/-0.03K; 115V/60Hz PN 232756	\$10.093,00	\$10.093,00
31	1	Pc	MAGNETIC VALVE WITH COUPLINGS / 110V, ANTON PAAR PN 27452	\$950,00	\$950,00
32	1	Pc	SWITCHBOX 2 SWITCHBOX CAN CONTROL ANALOG DEVICES, ANTON PAAR PN 130080	\$2.515,00	\$2.515,00
			ELECTRICAL TEMPERATURE SYSTEM – AIR/LIQUID – CILINDRIC GEOMETRIES (INCLUDED)		
33	1	Pc	C-ETD300 ELECTRICALLY HEATED TEMPERATURE DEVICE, ANTON PAAR PN 16082 - for concentric cylinder measuring geometries - temperature range: ambient to 300 °C	\$12.054,00	\$12.054,00
34	1	Pc	MCR FMU 0,25-1,5 Nm³/h FLOW METER UNIT MCR-SERIES, ANTON PAAR PN 16957	\$1.116,00	\$1.116,00
35	1	Pc	CIRCULATION THERMOSTAT CP-200F -20...200°C; +/-0.03K; 115V/60Hz PN 232756	\$10.093,00	\$10.093,00
36	1	Pc	MAGNETIC VALVE WITH COUPLINGS / 110V, ANTON PAAR PN 27452	\$950,00	\$950,00
37	1	Pc	SWITCHBOX 2 SWITCHBOX CAN CONTROL ANALOG DEVICES, ANTON PAAR PN 130080	\$2.515,00	\$2.515,00

38	1	Pc	CV-CYL/Q1 COVER FOR MEASURING CUP (PEEK), ANTON PAAR PN 1763	\$428,00	\$428,00
39	1	Pc	SOLVENT TRAP ST-CYL-C/Q1, ANTON PAAR PN 79015	\$582,00	\$582,00
40	1	Set	MEASURING SYSTEM CC27/T300/SS, ANTON PAAR consisting of: - PN 79028 C-CC27/T300/SS Includes 78242 O-Ring - PN 78234 B-CC27 - PN 1805 HC-CC10-27 (Hard Case)	\$3.670,00	\$3.670,00
41	1	Set	MEASURING SYSTEM DG26.7/T300/SS, ANTON PAAR consisting of: - PN 3191 C-DG26.7/T300/SS Includes 78242 O-Ring - PN 79017 B-DG26.7 - PN 1805 HC-CC10-27 (Hard Case)	\$6.189,00	\$6.189,00
			CONVECTION TEMPERATURE SYSTEM – PLATES / CILINDRIC GEOMETRIES (INCLUDED)		
42	1	Pc	CTD 1000/MD ready CONVECTION TEMPERATURE DEVICE, ANTON PAAR PN 262762 -Temperature range SingleDrive: -100 to 1000 °C -Temperature range MultiDrive: -100 to 1000 °C -Low temperature options with liquid nitrogen	\$59.814,00	\$59.814,00
43	1	Pc	TC 30 TEMPERATURE CONTROLLER FOR CTD 1000, ANTON PAAR PN 10500	\$12.278,00	\$12.278,00
44	1	Pc	CIRCULATION THERMOSTAT CP-600F -35...200°C; +/-0.03K; 115V/60Hz PN 232915	\$15.459,00	\$15.459,00
45	1	Pc	SHAFT COOLING FOR MCR 30X AND CTD1000, ANTON PAAR PN 221823	\$649,00	\$649,00
			PP SYSTEM		
46	1	Pc	UPPER MEASURING SHAFT D-PP/INC FOR UPPER PLATES, INCONEL, ANTON PAAR PN 12696	\$2.430,00	\$2.430,00
47	1	Pc	LOWER SHAFT L-PP/INC/CTD1000 FOR LOWER PLATES, SINGLEDRIIVE, ANTON PAAR PN 13201 - with temperature sensor - Inconel	\$3.314,00	\$3.314,00

48	2	Pc	LOWER MEASURING PLATE L-PP25/INC/CTD1000 D: 25 mm; INCONEL; FOR CTD1000, ANTON PAAR PN 13141	\$700,00	\$1.400,00
			CC SYSTEM		
49	1	Pc	LOWER SHAFT L-CC/INC/CTD1000 INCONEL, M12X1, L: 131 mm, ANTON PAAR PN 42500 - SingleDrive - with temperature sensor - for cups	\$5.772,00	\$5.772,00
50	1	Pc	MEASURING CUP C-CC24/CTD/INC ID: 26 mm, OD: 30 mm, L: 40 mm, INCONEL, ANTON PAAR PN 157692	\$941,00	\$941,00
51	1	Pc	COUPLING CONE FOR ZERODUR SHAFT, ANTON PAAR PN 3593	\$1.133,00	\$1.133,00
52	1	Pc	SHAFT FOR MEASURING BOB D-CC/INC 8 HOLE 8 mm, WITH FLATTENING, ANTON PAAR PN 26988 - requires coupling cone	\$3.333,00	\$3.333,00
53	1	Pc	SHAFT FOR MEASURING BOB SHORT D-CC/INC 8 HOLE 8 mm, WITH FLATTENING, ANTON PAAR PN 221692 - for MCRs with lower stative - requires coupling cone	\$3.187,00	\$3.187,00
54	1	Pc	SHAFT COOLING FOR MCR 30X AND CTD1000, ANTON PAAR PN 221823	\$649,00	\$649,00
55	1	Pc	MEAS. CYLINDER B-CC24-15-20/136/INC D: 24 mm; ANGLE 15°; L1: 20 mm; INCONEL, ANTON PAAR PN 161173	\$4.801,00	\$4.801,00
			PRESSURE CELL SYSTEM		
56	1	Pc	PRESSURE CELL CC25/PR150/IN/A1/SS COMPLETE SYSTEM, ANTON PAAR PN 22683 <u>Note: requires C-PTD or C-ETD system</u> - magnetic coupling Q1 - pressure head 150 bar - A1 - measuring cup for pressure cell 150 bar, 300 °C, with two connectors - measuring system CC25-A1 - incl. pressure supply adapter for MCR XX2	\$33.591,00	\$33.591,00



			TRIBOLOGY CELL SYSTEM		
57	1	Set	T-PTD 200 TRIBOLOGY MEASURING CELL, ANTON PAAR PN 26076 <u>Note: requires CP Fluid Circulator</u> - Peltier temperature control from -40 °C to 200 °C. - Normal forces between 1 N and 50 N - Incl. sample holder for plates (SH-BC6-15) - Incl. sample holder for cylindrical pins 6 mm (SH-BC6) - Incl. measuring system shaft for ½" ball (BC12.7) - Incl. sample plate PTFE, 100 pcs. (SP-BC6-15-3/PTFE) - Incl. sample plate steel, 30 pcs. (SP-BC6-15-3/1.4301) - Incl. steel ball 1.4401 with ½" diameter, 30 pcs. (SP-BC12.7/1.4401) - Incl. steel ball 100Cr6 with ½" diameter, 10 pcs. (SP-BC12.7/100Cr6) - Incl. sample pin 100Cr6 with 6 mm diameter, 30 pcs. (SP-BC6-6/100Cr6) <u>- Various measuring systems, holders and specimen are available on request</u>	\$34.386,00	\$34.386,00
			Delivery Time 12-15 weeks after receipt of order and payment (subject to changes) The delivery time of the items offered is subject to changes generated by events outside the company's control, such as: 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 major force. Payment terms Prepayment with PO Volume & Weight Weight / Volume to be advised		

PLEASE TRANSFER TO OUR

ACCOUNT AT:

Branch Banking & Trust Co.

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 \$	TBD
Freight	US \$	Included
Insurance	US \$	Included
Docs.	US \$	Included
TOTAL	US \$	TBD