

Invoice to:

Université du Québec à Rimouski UQAR
Service finances et approvisionnements
300, allée des Ursulines
Rimouski
Québec, G5L 3A1
Canada

VAT Reg No: CA

Customer Order No. CA-059982

Invoice

Invoice No. 17225c

Invoice/Tax Date 14th May 2025

Due Date 21st May 2025

Account No. UQAR001

Instrument No. IN1339

Quantity	Product Code	Product Description	Net Amount \$	VAT Rate %	VAT Amount \$
		Proposal Dual EA IRMS Systems			
		System 1 EA IRMS with Gas box			
1	20402/1	HS2022 + P-Mag			
1	10202/14	PyroEarth - Includes Large sample AutoSampler			
1	10202/10	XYZ Gas Sampling Control Box			
1	60101/5	verSA 5 (Single head XYZ autosampler)			
		System 2 EA IRMS general			
1	20402/4	HS2022 + Hd Collector + E-Mag + Trap Loop			
1	10202/14	PyroEarth			
1	WARR2	2 year warranty			
1	DAP	DELIVERED AT PLACE			
1	INST	Installation and start up training at Customer's site			
		CFI Contribution			
		CAD \$105903			
		Factory training for one week F.O.C.			
		Total amount of order:	423,612.00		
		Final payment due upon installation CA\$31,771.00			

Delivery address:

Mathieu Babin /Alexis Lapierre
Université du Québec à Rimouski UQAR
Att: ISMER, 310, allée des Ursulines,
Rimouski, QC, Canada, G5L 3A1
Customs Broker: COLE INTERNATIONAL
T: 418-847-7551 M: 418-563-4553, Alexandra

This invoice is issued in: Canadian Dollar

Total Net Amount	\$	31,771.00
Total VAT Amount	\$	0.00
Invoice Total	\$	31,771.00

Payment Details:-

Payment is required within 30 DAYS of invoice date by bank transfer.
All bank transfer charges are the responsibility of the customer.

Sercon Bank Details:-

National Westminster Bank, 36 High Street,
Nantwich, Cheshire CW5 5GA U.K.

IBAN: GB94NWBK60730113806556
SWIFT/BIC: NWBKGB2LXXX

COMMERCIAL INVOICE

Date: 06/03/2025

Customer CA-059982

Reference:

Shipper / Exporter:

Sercon Limited
Europa House
Coppicemere Drive
Crewe
CW1 6GZ
UK

Contact: Joanne O'Connor
Tel: +44 (0) 1270 580008
Invoice 18696 IN1339/WARRA
Reference: NTY

Country of Export: UK
Country of Manufacture: UK
Country of Destination: CA Canada

Delivery Address:

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Rimouski, QC, Canada, G5L 3A1
Customs Broker: COLE INTERNATIONAL
T: 418-847-7551 M: 418-563-4553

Contact Name: Nancy Lavergne / Mathieu B
Cust Tel Number: +418 724 1495

Shipping Marks /

Box1@96x86x98cmsGW:140gk
Box2@96x86x98cmsGW:140kg

UK Commodity Code: 90273000

Quantity	Product Code	Product Description	Amount \$
2	REP001	Warranty Repair of 10202/14 PyroEarth HS 9027.3000 **VALUE FOR CUSTOMS PURPOSES ONLY CAD 20,000** CDS: GBIPO77111007400020240709120927 CHIEF: IP/0924/385/29 CONTROL SHIPMENT - IMPORTED UNDER IPR ENTRY: 24GB DCUB GIC5 B8MA R9 DATE: 02-12-2024 CPC: 510000 Country of Origin: UK Commodity Code: 90273000 EORI: GB771110074000 CDS: GBIPO77111007400020240709120927 CHIEF: IP/0924/385/29	20,000.00

Sercon Limited
Europa House
Coppicemere Drive
Crewe, CW1 6GZ, U.K.
Tel: +44 (0) 1270 580008

None of the goods contained in this consignment
are restricted by IATA or shipping regulations

Total Invoice
Value: \$ 20,000.00

Signed *J O'Connor*

MASTER AWB No. 125 MAN 1315 1585				CUSTOMS REF: 4665324333000-ME11737				HAWB No. ME11737															
Shipper's Name and Address SERCON LIMITED UNIT 3B CREWE TRADE PARK GATEWAY CREWE CW1 6JT, UNITED KINGDOM GB771110074000. T: +441270580008								HOUSE AIR WAYBILL (Air Consignment Note) Issued by INTERSPAN FREIGHT SOLUTIONS LIMITED TRAFFORD PARK MANCHESTER M17 All business whatsoever is carried out subject to the Company's Conditions of Trading. Copies available on request if not set out overleaf.															
Consignee's Name and Address UNIVERSITE DU QUEBAC A RIMOUSKI (UQAR) 310 ALLEE DES URSULINES, RIMOUSKI, QC CANADA G5L 3A1. ATT: ISMER CTC: MATHIEU BABIN / ALEXIS LAPIER TEL: +1 418 724 1495								Copies 1, 2 and 3 of the Air Waybill are originals and have the same validity.															
Issuing Carrier's Agent Name and City INTERSPAN FREIGHT SOLUTIONS LIMITED TRAFFORD PARK MANCHESTER M17 91-4 7043/0015								Accounting Information Shipper's Ref: PO 25006															
Place of departure and requested Routing MANCHESTER								ETA: 02-Sep-24															
To		By first Carrier		Routing and Destination		To		By		Currency		Wt.		Other		Declared Value for Carriage		Declared Value for Customs					
LHR		BRITISH AIRWAYS				YUL		BA		GBP		PPD PP		COL COL		PPD PP		COL COL		NVD		NCV	
Place of Destination				Flight/Date		Flight/Date		Amount of Insurance				INSURANCE - If Shipper requests insurance in accordance with issuers conditions indicate amount to be insured in figures in box marked "Amount of Insurance"											
MONTREAL				BA3947/31		BA095/02		XXX															
Handling Information (Including Marks or Numbers on packages and method of packing) SEVEN (7) BOXES ADDRESS / DOCUMENTS ATTACHED INCOTERMS: DAP																							
X																							
No. of Pieces RCP	Gross Weight	kg lb	Rate Class		Chargeable Weight	Rate		Total		Nature and Quantity of Goods (incl. Dimensions or Volume)													
			Commodity Item			Charge																	
7	781	K	Q		929	A S		A G R E E D		SCIENTIFIC EQUIPMENT - NOT RESTRICTED VOL WEIGHT: 929 kgs 2 CARTONS @ 96 X 86 X 94 CM 2 CARTONS @ 96 X 86 X 98 CM 2 CARTONS @ 96 X 83 X 108 CM 1 CARTON @ 96 X 83 X 85 CM HS 90273000													
CUSTOMS BROKER & NOTIFY PARTY: COLE INTERNATIONAL TEL: +1 418 847 7551 - MOB: 418 563 4553 / CTC: ALEXANDRA DUMAS EMAIL: QUEBEC.DOCS@COLEINTL.COM																							
7	781	K						AS AGREED															
Prepaid		Weight Charge		Collect																			
AS AGREED																							
Total Other Charges Due Agent				It is agreed that the goods herein are accepted subject to issuer's conditions of contract. If the carriage involves An ultimate destination or stop in a country other than the country of departure, the Warsaw Convention may be applicable and Convention governs and in most cases limits the liability of carriers in respect of loss of damage or delay to cargo. Agreed shipping places (other than the place of departure or destination) detailed under "Routing" and / or those planes shown in the timetable of any carriers performing carriage hereunder as scheduled stopping places for the route.																			
AS AGREED																							
Total Other Charges Due Carrier																							
AS AGREED																							
Shipper certifies that the particulars on the face hereof are correct INTERSPAN FREIGHT SOLUTIONS LTD												Signature of Shipper or his Agent LEE FARRAR											
Total Prepaid				Total Collect				AS AGENT FOR THE CARRIER: BRITISH AIRWAYS 30-AUG-24 MANCHESTER Executed on (date) at (place)															
AS AGREED																							
Currency Conversion Rates				CC Charges in Dest. Currency																			

Buyer > Lapierre, Alexis
Phone: (418) 724-1495
Fax: (418) 724-1655
Email: appro_uqar@uqar.ca

BILL TO

Université du Québec à Rimouski
Service finances et approvisionnements
300 allée des Ursulines
Rimouski, QC
Canada G5L 3A1
Phone : (418) 723-1986 ext. 1486
Fax : (418) 724-1655
Email : factures@uqar.ca

SUPPLIER

Sercon Limited
Unit 3B Crewe Trade Park Gateway
Crewe
England CW1 6JT
UK

009403

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Université du Québec à Rimouski
Att.: ISMER
310 allée des Ursulines
Rimouski, QC
Canada G5L 3A1

Care of :
Phone : 4401270580008 Fax : 4401270252310

Terms of payment Net 30 jours			Requisition # 058584	Quotation/Tender AO 2024-2062	Client Number	Contract number		Order date 2024-05-28		
Shipping date 2024-06-11			INCOTERM / DESTINATION Destination			Via Inclus			Currency CAD	
Item number	Quantity	Unit of measure	Description				Taxes		Unit price	Amount
001.00	1		Proposal Dual EA IRMS Systems System 1 EA IRMS with Gas box				A	A	0,0000	0,00
001.10	1		20402/1 - HS2022 + P-Mag Continuous flow isotope ratio mass spectrometer. Including high sensitivity source and permanent magnet. System configured for m/z 28 to 46 for the analysis of CO2, N2, N2O, NO, O2, SO, CO and CH4 (converted to CO2). Windows based data system. 70201-1 - Analyser spares kit includes a filament, copper gaskets, source tool kit, pump oil, snoop and ferrules				A	A	175 950,0000	175 950,00
001.11	1		Discount item#1.1 (10%)				A	A	-17 595,0000	-17 595,00
001.12	1		Discount FCI item#1.1 (20% net price)				A	A	-31 671,0000	-31 671,00
Purchase Order - Buyer			% G.S.T. 5,0000							
			% Q.S.T. 9,9750							
			E : Excluded I : Included A : N/A X : Exempt							
			The vendor agrees to conditions mentioned included							

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Item number	Quantity	Unit of measure	Description				Taxes		Unit price	Amount
001.20	1		10202/14 - PyroEarth - Includes Large sample AutoSampler High performance elemental analyser with pyrolysis cabable furnace including TCD for simultaneous CNS + OH analysis. Includes autosampler for solids. 70501-3 - Includes sample preparation kit - micro spatula, mirror, forceps, sample tray and syringe - Includes 70501-5 Simultaneous CNS consumables kit - 70801-1 Pyrolysis Start Up Kit high temp for Solids Upgrade Furnaces to silicon carbide elememts to run at 1450 deg C. Requires Traping loop				A	A	83 300,0000	83 300,00
001.21	1		Discount item#1.2 (10%)				A	A	-8 330,0000	-8 330,00
001.22	1		Discount FCI item#1.2 (20% net price)				A	A	-14 994,0000	-14 994,00
001.30	1		10202/10 - XYZ Gas Sampling Control Box Gas flow control and purification module				A	A	7 650,0000	7 650,00
001.31	1		Discount item#1.3 (10%)				A	A	-765,0000	-765,00
001.32	1		Discount FCI item#1.3 (20% net price)				A	A	-1 377,0000	-1 377,00
001.40	1		60101/5 - verSA 5 (Single head XYZ autosampler)				A	A	18 700,0000	18 700,00
Purchase Order - Buyer			% G.S.T. 5,0000							
			% Q.S.T. 9,9750							
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Shipping date 2024-06-11			INCOTERM / DESTINATION Destination			Via Inclus			Currency CAD	
Item number	Quantity	Unit of measure	Description				Taxes		Unit price	Amount
001.41	1		Discount item#1.4 (10%)				A	A	-1 870,0000	-1 870,00
001.42	1		Discount FCI item#1.4 (20% net price)				A	A	-3 366,0000	-3 366,00
002.00	1		System 2 EA IRMS general				A	A	0,0000	0,00
002.10	1		20402/4 - HS2022 + Hd Collector + E-Mag + Trap Loop Continuous flow isotope ratio mass spectrometer. Including high sensitivity source, electro magnet and HD collector Innovative trapping loop technology included, which allows the source to be tuned and delta values to be calculated without the need for a reference gas. System configured for m/z 28 to 64 for the analysis of H2, CO2, N2, N2O, NO, O2, SO, SO2, CO and CH4 (converted to CO2). Windows based data system. 70201-1 - Analyser spares kit includes a filament, copper gaskets, source tool kit, pump oil, snoop and ferrules				A	A	184 450,0000	184 450,00
002.11	1		Discount item#2.1 (10%)				A	A	-18 445,0000	-18 445,00
002.12	1		Discount FCI item#2.1 (20% net price)				A	A	-33 201,0000	-33 201,00
Purchase Order - Buyer			% G.S.T. 5,0000							
			% Q.S.T. 9,9750							
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Item number	Quantity	Unit of measure	Description				Taxes		Unit price	Amount
002.20	1		10202/14 - PyroEArth High performance elemental analyser with pyrolysis cabable furnace including TCD for simultaneous CNS + OH analysis. Includes autosampler for solids. 70501-3 - Includes sample preparation kit - micro spatula, mirror, forceps, sample tray and syringe - Includes 70501-5 Simultaneous CNS consumables kit - 70801-1 Pyrolysis Start Up Kit high temp for Solids Upgrade Furnaces to silicon carbide elememnts to run at 1450 deg C. Requires Traping loop				A	A	83 300,0000	83 300,00
002.21	1		Discount item#2.2 (10%)				A	A	-8 330,0000	-8 330,00
002.22	1		Discount FCI item#2.2 (20% net price)				A	A	-14 994,0000	-14 994,00
003.00	1		WARR2 - 2 year warranty				A	A	0,0000	0,00
004.00	1		DDP - Delivered Duty Paid				A	A	12 000,0000	12 000,00
004.10	1		Discount FCI item#4 (20%)				A	A	-2 400,0000	-2 400,00
005.00	1		INST - Installation and start up training at Customer's site				A	A	19 500,0000	19 500,00
Purchase Order - Buyer			% G.S.T. 5,0000							
			% Q.S.T. 9,9750							
			E : Excluded I : Included A : N/A X : Exempt							
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Terms of payment Net 30 jours			Requisition # 058584	Quotation/Tender AO 2024-2062	Client Number	Contract number		Order date 2024-05-28		
Shipping date 2024-06-11			INCOTERM / DESTINATION Destination			Via Inclus			Currency CAD	
Item number	Quantity	Unit of measure	Description				Taxes		Unit price	Amount
005.10	1		Discount FCI item#5 (20%) Price according to the quote received following the public call for tenders 2024-2062. Payment Details: Upon receipt of invoices*** 50% with order, 40% on delivery and 10% installation Please send the invoice to the following email: appro_uqar@uqar.ca and katia_cote@uqar.ca with clear instructions for prepayments Customs Broker (Please also put our PO # on the shipping documents) : COLE INTERNATIONAL Att. ALEXANDRA DUMAS email : Quebec.Docs@coleintl.com T :418-847-7551 M: 418-563-4553 F: 418-847-5155 For more information concerning this order, please contact Alexis Lapierre by email at: appro_uqar@uqar.ca. LIVRAISON - IMPORTANT : ne pas livrer les vendredis PM du 2 juin au 17 août 2024.				A	A	-3 900,0000	-3 900,00
Purchase Order - Buyer			% G.S.T. 5,0000							
			% Q.S.T. 9,9750							
			E : Excluded I : Included A : N/A X : Exempt							
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Item number	Quantity	Unit of measure	Description				Taxes	Unit price	Amount
			DELIVERY - IMPORTANT : do not deliver on Friday afternoons during summer between June 2 and August 17, 2024.						
Purchase Order - Buyer			% G.S.T. 5,0000					Sous-total >	423 612,00
			% Q.S.T. 9,9750						
			E : Excluded I : Included A : N/A X : Exempt					TOTAL >	423 612,00
			The vendor agrees to conditions mentioned included						

11 – Installation Report

Client:	Université du Québec à Rimouski UQAR		
Quotation Number:	UQAR001	Date:	19.5.2025
Job Number:	IN 1339 (A&B)	Date:	19.5.2025

Contact:	Mathieu Babin <Mathieu_Babin@uqar.ca>		
Date of Visit:	28.04.-10.5.2025	No. of Days:	10
Engineer:	Robert Kameny		

Details of visit:

NCS Pyro: HS 2022, u Carbs Gas box, Versa
 HS 2022 serial number: 20402/11-2024/1339A
 Pyro EA serial number: 10202/14-2024/1339B
 Versa 5 serial number: 60101/5-2024/1339B

NC Pyro: HS 2022, Pyro EA
 HS 2022 serial number: 20402/1 – 2024/1339B
 Pyro EA serial number: 10202/14-2024/1339A

Week 1

Day1

- Unpacked, visual inspection after transport
- Gas plumbing for EA`s

Day 2

- Certification

Day3

- Both Mass specs had to be re-tuned

Day 4

- Setting up EAs
- Att. Thermocouple found miss placed in the NCS pyro
- Att. Issue with some of the gas plumbing (fine dust coming out of the O2 line on the NC EA, suspected corrosion inside the pipe, possibly wrong material of capillary)

Day 5

- Sample prep
- Att. Excessive blanks on both EA`s (coming out of the oxygen side)
- Att. found Broken combustion on the NC EA
- Investigation into high blanks (resolved by adjusting O2 purge)
- Dual precision and linearity on the NC set up (used 400/100 and 250/100 beet mix)
- NCS precision with cystine on the NCS system

NCS additional info

020525

NCS set up

conditioning reaction tubes from the 010525 expecting tubes to be fully ready for NCS run
 Att. secondary reduction furnace dropped temp again (must have happened overnight, as all 3 stages were coming up to temp gradually, last check 010525 in the evening)
 Att. Had to re-set the prep board to get the secondary furnace to kick in again

11 – Installation Report

Client:	Université du Québec à Rimouski UQAR		
Quotation Number:	UQAR001	Date:	19.5.2025
Job Number:	IN 1339 (A&B)	Date:	19.5.2025

Waiting for the rest of the tubes to heat up again

NCS blanks

Att. High blanks in 15N. Suspected source O2 pulse

Extensive investigation:

Leak check: Gas line from the EA to cylinder (small leak on the outlet Knut on the gas regulator)

O2 circuit inside the EA (satisfactory)

Gas line: used copper 1/8 pipe (limited stock on site)

Purged the oxygen line: 15mins: blank dropped down to 4e-10

SO2 tuning : Pass

NCS precision left to run over the weekend, used cystine 0.3mg

050525

Observed NCs results from the Friday 020525

Good precision despite secondary furnace to drop the temp again (unable to specify time or conditions)

Had to re-set the prep board to get it to kick in

Waiting for the temps to ramp up most of the day

Decent temps towards the end of the day: combustion 950, reduction 857, secondary reduction 597

Customer demanded NCS linearity run and proof of the elimination of the memory effect (NOTE: this is outside the installation protocol and final results won't be taken into consideration during final validation process)

Run on PM

Att. secondary furnace dropped the temp again (temp 657 Celsius, 600celsius set value)

Left the unit running overnight regardless

Blank empty autosampler and O2 pulse: achieved 7e-10

060525

Converted system to CO&HD pyro

Changed the thermocouple on the secondary furnace

Ramped the temp up, steady progress, furnace heated up to 580, then steady temp increase up to 595 (left heating up overnight)

070525

Att. secondary furnace dropped the temp again during the night

Good temp on the pyro combustion stage (1350 Celsius)

List of jobs: HD ref gas and EA

HD ref gas prec: 0.34std h3+ 3ppm/nA

HD pyro @4mg cystine/ silver capsules: marginal repeatability (1350 Celsius, 65 Celsius, 60ml/min)

investigation: hotter combustion @1400 Celsius, 70 Celsius, 80ml/min

Corrupted batch during the day (timing and integration)

prepped new samples: running overnight

080525

Still marginal pyro for the HD spec

Numerous attempts using different refs (cystine and sucrose) and tuning

Ref gas tends to fall in spec in most of the cases, but requires heavy re-processing

Reduced the source sensitivity down by about 1nAmps seem to improve the ref gas spec and overall stability

Good final spec for the ref gas overall (0.34std)

Best spec achieved after extending sample time up to 300secs for the EA run

11 – Installation Report

Client:	Université du Québec à Rimouski UQAR		
Quotation Number:	UQAR001	Date:	19.5.2025
Job Number:	IN 1339 (A&B)	Date:	19.5.2025

200ug HD (cystine n=4) : 0.46std
 Heating emag to run CO

090525

Good CO tuning, 3/1 peak shape using CO2 ref gas (achieved up to 5 nA)
 CO pyrolysis EA: cystine @0.4mg n=5
 Spec achieved: 0.35std
 Still issue with the secondary reduction
 Decided to swap the furnaces over to eliminate faulty part
 Temperature observed 30 mins in 580 (600 set)

100525

Good response from the swapped furnace (temp observed at 600 degrees Celsius): Recommendation:
 replace the secondary reduction furnace at your discretion
 uCarbs gas box set up
 software set up
 flows set accordingly to approved schematics
 leak check
 Att. unable to verify correct function: insufficient kit on site
 Recommendation: customer to investigate into further application and suitable hardware

NC additional info:

020525

investigation into high blanks
 major source O2 pulse
 blanks coming through around 2nAmps (empty autosampler)
 leak check- oxygen line (plumbing from the EA to cylinder, O2 circuit inside the EA)
 left o2 line purging for good 20 mins (blank reduced down to 1-2e-10, att to small peak in CO2
 window, signal in high @e-11)
 EA pressure test: pass held 25psi/5 mins (used blanking ferrule on the TO MS outlet)
 Decided to run samples: beet mix 400_100 and 250/100 for precision and linearity

Observed the results on Monday 050525

050525

Dual precision results satisfactory
 beet mix 400/100 n=5 achieved 0.010std, 0.02for 13C
 beet mix 250/100 n=6, failed run due to broken combustion tube in the bottom quarter
 Att. suspected odd temp scaling in the software (remote help from Sercon)
 Combustion stage: thermocouple position : fully inserted, verified
 Decided to run further validation specs with combustion set to 900 degrees Celsius
 New combustion tube: used copper chips from the customer due to limited material in start up kit (copper purchased from ELEMENTAL)
 Att. Still experiencing issue with excessive blanks from the O2 pulse (up to 2 nAmps)
 Sourced out new SS 1/8line, noticeable improvement (blanks observed @ 1e-10 +/-)
 Dual precision and linearity batch overnight

11 – Installation Report

Client:	Université du Québec à Rimouski UQAR		
Quotation Number:	UQAR001	Date:	19.5.2025
Job Number:	IN 1339 (A&B)	Date:	19.5.2025

060525

Converted system into CO

Discrepancy in carrier flow (60 in EA- 25ml/min out on the pig tail in the mass spec)

leak check: fail (found the leak on the 3 way PYRO to NCS)

suspected issue: backpressure

investigation: managed to improve the flow out from the EA tup to 65ml/min (80ml/min going in), then

50ml/min actual on the pig tail in the MS

070525

Good specs for the CO

100mg of oxygen (cystine@0.4mg) achieved specs:0.20std

Converted back to NC set up (used old combustion tube from the NC pyro)

system set up to Stby. when finished (HT furnace interlock to stay on, checked in prep bank)

080525

Running samples with the TCD

Customer has set up a batch of samples

TCD: good response, 70 degrees Celsius, 350mA

090525

Found HT interlock on, cold tubes

Cracked combustion tube

replaced with the old NCS tube

Set up Costech autosampler

dummy runs using cystine

Set up dual method with ref gas pulse

Att. cracked combustion tube pm

cooled off both tubes

100525

Att. suspected broken combustion tube (visual inspection): melted copper in the same area as the other tubes

Combustion tube was running at 980degrees Celsius

Further investigation when more glassware in stock

No further runs for the weekend

prep work for handing the system over to customer

Blue autosampler packed ready for shipping back to Sercon

Recommendations:

Blue autosamplers to be shipped back to Sercon

Investigate: NC Pyro combustion furnace (melting copper)

Attempt: Trapping loop installation on the NC Pyro

UCarbs requires additional evaluation from an application perspective in order to establish the appropriate arrangement.

11 – Installation Report

Client:	Université du Québec à Rimouski UQAR		
Quotation Number:	UQAR001	Date:	19.5.2025
Job Number:	IN 1339 (A&B)	Date:	19.5.2025

Faults and Shortages:

NCS Pyro : secondary reduction furnace (temp cutting off), Recommended replacement
 NC and NCS Pyro: missing short scrubber tubes (incorrect packing list), Recommended replacement
 NC Pyro: combustion furnace (issue with copper melting through the reaction tube)
 uCarbs: insufficient hardware whilst on site

Follow up:

NCS Pyro: secondary reduction furnace replacement
 NC and NCS Pyro: short scrubber tubes

Engineer: Robert Kameny

Date: 19.5.2025

Signed:



CONSIGNEE:

Université du Québec à Rimouski UQAR
Att: ISMER, 310, allée des Ursulines,
Rimouski, QC, Canada, G5L 3A1
Customs Broker: COLE INTERNATIONAL
T: 418-847-7551 M: 418-563-4553
Alexandra Dumas quebec.docs@coleintl.com

Contact: Mathieu Babin /Alexis Lapierre

Tel: 418 724 1495

Order Number: CA-059982

SHIPPED BY:

Ref: 17225

Sercon Limited
Unit 3B Crewe Trade Park
Gateway
Crewe
CW1 6JT
U.K.

IN1339

Tel: +44 (0) 1270 580008

COMMERCIAL INVOICE

Date: 30/08/2024

Customer CA-059982

Reference:

Shipper / Exporter:

Sercon Limited
Unit 3B Crewe Trade Park
Gateway
Crewe
CW1 6JT
UK

Contact: Joanne O'Connor
Tel: +44 (0) 1270 580008
Invoice 17225 IN1339
Reference:

Country of Export: UK
Country of Manufacture: UK
Country of Destination: CA Canada

Delivery Address:

Université du Québec à Rimouski UQAR
Att: ISMER, 310, allée des Ursulines,
Rimouski, QC, Canada, G5L 3A1
Customs Broker: COLE INTERNATIONAL
T: 418-847-7551 M: 418-563-4553
Alexandra Dumas quebec.docs@coleintl.co

Contact Name: Mathieu Babin /Alexis Lapier
Cust Tel Number: 418 724 1495

Shipping Marks /

7 Boxes @ 781Kgs

UK Commodity Code: 90273000

Quantity	Product Code	Product Description	Amount \$
		Proposal Dual EA IRMS Systems	
		System 1 EA IRMS with Gas box	
1	20402/1	HS2022 + P-Mag	158,355.00
1	10202/14	PyroEarth - Includes Large sample AutoSampler	74,970.00
1	10202/10	XYZ Gas Sampling Control Box	6,885.00
1	60101/5	verSA 5 (Single head XYZ autosampler)	16,830.00
		System 2 EA IRMS general	
1	20402/4	HS2022 + Hd Collector + E-Mag + Trap Loop	166,005.00
1	10202/14	PyroEarth	74,970.00
1	WARR2	2 year warranty	0.00
1	DAP	DELIVERED AT PLACE	12,000.00
		CFI Contribution	
		CAD \$105903	
		Factory training for one week F.O.C.	

SerCon Limited
Unit 3B Crewe Trade Park
Gateway, Crewe, CW1 6JT U.K.
Tel: +44 (0) 1270 580008

None of the goods contained in this consignment
are restricted by IATA or shipping regulations

Total Invoice
Value: \$ 404,112.00

Signed *Joanne O'Connor*

12 – Installation Acceptance and Warranty Certificate

Client:	Université du Québec à Rimouski UQAR		
Quotation Number:	UQAR001	Date:	19.5.2025
Job Number:	IN 1339 (A&B)	Date:	19.5.2025

Contact:	Mathieu Babin <Mathieu_Babin@uqar.ca>
System:	NC Pyro: HS 2022, Pyro EA HS 2022 serial number: 20402/1 – 2024/1339B Pyro EA serial number: 10202/14-2024/1339A
Software:	Calisto CF IRMS v50.0.0
Engineer:	Robert Kameny
Installation Date:	28.04-10.05.2025

Warranty commences:	10.05.2025
Warranty Expires:	09.05.2027

Customer Acceptance:

Name: Mathieu Babin

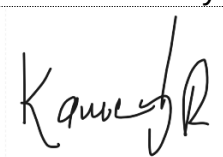
 Signature: 

Date: May 30th 2025

Engineer's Signature:

On behalf of Sercon Limited

Name: Robert Kameny

 Signature: 

Date: 10.05.2025

Notes:

12 – Installation Acceptance and Warranty Certificate

Client:	Université du Québec à Rimouski UQAR		
Quotation Number:	UQAR001	Date:	19.5.2025
Job Number:	IN 1339 (A&B)	Date:	19.5.2025

Contact:	Mathieu Babin <Mathieu_Babin@uqar.ca>
System:	NC Pyro: HS 2022,Pyro EA HS 2022 serial number: 20402/1 – 2024/1339B Pyro EA serial number: 10202/14-2024/1339A
Software:	Calisto CF IRMS v50.0.0
Engineer:	Robert Kameny
Installation Date:	28.04-10.05.2025

Warranty commences:	10.05.2025
Warranty Expires:	09.05.2027

Customer Acceptance:

Name: Mathieu Babin

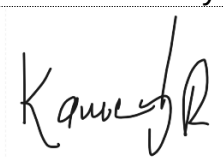
 Signature: 

Date: May 30th 2025

Engineer's Signature:

On behalf of Sercon Limited

Name: Robert Kameny

 Signature: 

Date: 10.05.2025

Notes:

12 – Installation Acceptance and Warranty Certificate

Client:	Université du Québec à Rimouski UQAR		
Quotation Number:	UQAR001	Date:	19.5.2025
Job Number:	IN 1339 (A&B)	Date:	19.5.2025

Contact:	Mathieu Babin <Mathieu_Babin@uqar.ca>
System:	NCS Pyro: HS 2022, u Carbs Gas box, Versa HS 2022 serial number: 20402/11-2024/1339A Pyro EA serial number: 10202/14-2024/1339B Versa 5 serial number: 60101/5-2024/1339B
Software:	Calisto CF IRMS v50.0.0
Engineer:	Robert Kameny
Installation Date:	28.04-10.05.2025

Warranty commences:	10.05.2025
Warranty Expires:	09.05.2027

Customer Acceptance:

Name: Mathieu Babin

Signature: 

Date: May 30th 2025

Engineer's Signature:

On behalf of Sercon Limited

Name: Robert Kameny

Signature: 

Date: 10.05.2025

Notes:

Order Date 28/05/2024
Order Ref. 17225
Cust. Ref. CA-059982
Account Ref. UQAR001

Order Acknowledgement

Invoice address

Université du Québec à Rimouski UQAR
Service finances et approvisionnements
300, allée des Ursulines
Rimouski
Québec, G5L 3A1
Canada

VAT No.

Delivery address

Université du Québec à Rimouski UQAR
Att: ISMER
310, allée des Ursulines,
Rimouski, QC, Canada, G5L 3A1
Customs Broker: COLE INTERNATIONAL
T: 418-847-7551 M: 418-563-4553
Contact: Mathieu Babin
Tel:

Quantity Ordered	Product Code	Product Description	Unit Price \$	Net Price \$
Proposal Dual EA IRMS Systems				
System 1 EA IRMS with Gas box				
1	20402/1	HS2022 + P-Mag Continuous flow isotope ratio mass spectrometer. Including high sensitivity source and permanent magnet. System configured for m/z 28 to 46 for the analysis of CO2, N2, N2O, NO, O2, SO, CO and CH4 (converted to CO2). Windows based data system. 70201-1 - Analyser spares kit includes a filament, copper gaskets, source tool kit, pump oil, snoop and ferrules	175,950.000	158,355.00
1	10202/14	PyroEarth - Includes Large sample AutoSampler High performance elemental analyser with pyrolysis capable furnace including TCD for simultaneous CNS + OH analysis. Includes autosampler for solids. 70501-3 - Includes sample preparation kit - micro spatula, mirror, forceps, sample tray and syringe - Includes 70501-5 Simultaneous CNS consumables kit - 70801-1 Pyrolysis Start Up Kit high temp for Solids	83,300.000	74,970.00
1	10202/10	Upgrade Furnaces to silicon carbide elements to run at 1450 deg C Requires Trapping loop XYZ Gas Sampling Control Box Gas flow control and purification module	7,650.000	6,885.00
1	60101/5	verSA 5 (Single head XYZ autosampler)	18,700.000	16,830.00
System 2 EA IRMS general				

Order Date 28/05/2024
Order Ref. 17225
Cust. Ref. CA-059982
Account Ref. UQAR001

Order Acknowledgement

Invoice address

Université du Québec à Rimouski UQAR
Service finances et approvisionnements
300, allée des Ursulines
Rimouski
Québec, G5L 3A1
Canada

VAT No.

Delivery address

Université du Québec à Rimouski UQAR
Att: ISMER
310, allée des Ursulines,
Rimouski, QC, Canada, G5L 3A1
Customs Broker: COLE INTERNATIONAL
T: 418-847-7551 M: 418-563-4553
Contact: Mathieu Babin
Tel:

Quantity Ordered	Product Code	Product Description	Unit Price \$	Net Price \$
1	20402/4	HS2022 + Hd Collector + E-Mag + Trap Loop Continuous flow isotope ratio mass spectrometer. Including high sensitivity source, electro magnet and HD collector Innovative trapping loop technology included, which allows the source to be tuned and delta values to be calculated without the need for a reference gas. System configured for m/z 28 to 64 for the analysis of H2, CO2, N2, N2O, NO, O2, SO, SO2, CO and CH4 (converted to CO2). Windows based data system. 70201-1 - Analyser spares kit includes a filament, copper gaskets, source tool kit, pump oil, snoop and ferrules	184,450.000	166,005.00
1	10202/14	PyroEarth High performance elemental analyser with pyrolysis capable furnace including TCD for simultaneous CNS + OH analysis. Includes autosampler for solids. 70501-3 - Includes sample preparation kit - micro spatula, mirror, forceps, sample tray and syringe - Includes 70501-5 Simultaneous CNS consumables kit - 70801-1 Pyrolysis Start Up Kit high temp for Solids	83,300.000	74,970.00
		Upgrade Furnaces to silicon carbide elements to run at 1450 deg C Requires Trapping loop		
1	WARR2	2 year warranty	0.000	0.00
1	DAP	DELIVERED AT PLACE Excluding any local duties and taxes that may apply.	12,000.000	12,000.00
1	INST	Installation and start up training at Customer's site	19,500.000	19,500.00
		CFI Contribution CAD \$105903 Factory training for one week F.O.C.		
	DISCOUNT	CFI Contribution		-105,903.00

Total Net Amount \$ 423,612.00
Total VAT Amount \$ 0.00
Order Total \$ 423,612.00

No.	Type	Date	Name	Currency Code	A/C
19114	Ord	19/05/2025	Université du Québec à Rimouski UQAR	CAD	UQAR001
19074	Ord	02/05/2025	Université du Québec à Rimouski UQAR	CAD	UQAR001
18696	Ord	03/12/2024	Université du Québec à Rimouski UQAR	CAD	UQAR001
18535	Ord	08/10/2024	Université du Québec à Rimouski UQAR	CAD	UQAR001

Total Carriage Net	Order Taken By	Inv. Ref	Email or Print	Source	Cost
0.00	Su	16664	Email	WARRANTY IN1339	£1,411.00
0.00	Su	16644	Email	WARRANTY IN1339	£17.41
0.00	Joanne	16548	Email	WARRANTY IN1339	Warranty Repair of 10202/14 PyroEarth?
0.00	Su	16285	Email	WARRANTY IN1339	£34.82

DHL

MASTER AWB No. 014 MAN 7595 7265				CUSTOMS REF: 5665324333000-ME13871				HAWB No. ME13871																																		
Shipper's Name and Address SERCON LIMITED EUROPA HOUSE, COPPICEMERE DRIVE CREWE, CHESHIRE CW1 6GZ GB771110074000. TEL: +441270580008 SALES@SERCONGROUP.COM								HOUSE AIR WAYBILL (Air Consignment Note) Issued by 																																		
Consignee's Name and Address UNIVERSITE DE QUEBEC 310 ALLEE DES URSULINES, RIMOUSKI QUEBEC CANADA G5L 3A1 CTC: NANCY LAVERGNE. T: +1 418 7241495 NANCY.LAVERGNE@UQAR.CA								INTERSPAN FREIGHT LIMITED MANCHESTER 0161 841 1486 All business whatsoever is carried out subject to the Company's Conditions of Trading. Copies available on request if not set out overleaf.																																		
Issuing Carrier's Agent Name and City INTERSPAN FREIGHT LIMITED MANCHESTER 0161 841 1486 91-4 7043/0015								Accounting Information AGENT REFERENCE MAN/ME13871 ETA: 17-Mar-25																																		
Place of departure and requested Routing MANCHESTER								<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Currency</td> <td colspan="2">Wt.</td> <td colspan="2">Other</td> <td colspan="2">Declared Value for Carriage</td> <td colspan="2">Declared Value for Customs</td> </tr> <tr> <td>GBP</td> <td>PPD</td> <td>COL</td> <td>PPD</td> <td>COL</td> <td></td> <td>NVD</td> <td></td> <td>NCV</td> <td></td> </tr> </table>								Currency		Wt.		Other		Declared Value for Carriage		Declared Value for Customs		GBP	PPD	COL	PPD	COL		NVD		NCV								
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Place of Destination DORVAL				Flight/Date AC865/17		Flight/Date		Amount of Insurance XXX				INSURANCE - If Shipper requests insurance in accordance with issuers conditions indicate amount to be insured in figures in box marked "Amount of Insurance"																														
Handling Information (Including Marks or Numbers on packages and method of packing) DOCS ATTACHED - DAP KNOWN CARGO												X																														
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">No. of Pieces RCP</th> <th rowspan="2">Gross Weight</th> <th rowspan="2">kg lb</th> <th colspan="2">Rate Class</th> <th rowspan="2">Chargeable Weight</th> <th rowspan="2">Rate Charge</th> <th rowspan="2">Total</th> <th rowspan="2">Nature and Quantity of Goods (incl. Dimensions or Volume)</th> </tr> <tr> <th>Commodity Item</th> <th></th> </tr> </thead> <tbody> <tr> <td>2</td> <td>280</td> <td>K</td> <td>Q</td> <td></td> <td>280</td> <td>A S</td> <td>A G R E E D</td> <td> SCIENTIFIC EQUIPMENT IPR GOODS HS CODE 90273000 VOL WEIGHT: 270 KGS 1 @ 96 X 86 X 98 CMS 1 @ 96 X 86 X 98 CMS </td> </tr> <tr> <td>2</td> <td>280</td> <td>K</td> <td></td> <td></td> <td></td> <td></td> <td>AS AGREED</td> <td></td> </tr> </tbody> </table>														No. of Pieces RCP	Gross Weight	kg lb	Rate Class		Chargeable Weight	Rate Charge	Total	Nature and Quantity of Goods (incl. Dimensions or Volume)	Commodity Item		2	280	K	Q		280	A S	A G R E E D	SCIENTIFIC EQUIPMENT IPR GOODS HS CODE 90273000 VOL WEIGHT: 270 KGS 1 @ 96 X 86 X 98 CMS 1 @ 96 X 86 X 98 CMS	2	280	K					AS AGREED	
No. of Pieces RCP	Gross Weight	kg lb	Rate Class		Chargeable Weight	Rate Charge	Total	Nature and Quantity of Goods (incl. Dimensions or Volume)																																		
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2	280	K					AS AGREED																																			
Prepaid AS AGREED			Weight Charge			Collect																																				
Total Other Charges Due Agent AS AGREED						It is agreed that the goods herein are accepted subject to issuer's conditions of contract. If the carriage involves An ultimate destination or stop in a country other than the country of departure, the Warsaw Convention may be applicable and Convention governs and in most cases limits the liability of carriers in respect of loss of damage or delay to cargo. Agreed shipping places (other than the place of departure or destination) detailed under "Routing" and / or those planes shown in the timetable of any carriers performing carriage hereunder as scheduled stopping places for the route.																																				
Total Other Charges Due Carrier AS AGREED																																										
						Shipper certifies that the particulars on the face hereof are correct INTERSPAN FREIGHT LIMITED																																				
Total Prepaid AS AGREED			Total Collect			AS AGENT FOR THE CARRIER: AIR CANADA																																				
Currency Conversion Rates			CC Charges in Dest. Currency			7-MAR-25 Executed on (date)				MANCHESTER at (place)		CARON BRASSINGTON Signature																														

Packing List

Customer Reference:

Shipper / Exporter:

Sercon Ltd,
Europa House,
Coppicemere Drive,
Crewe,
Cheshire CW1 6GZ, UK

Tel: +44 (0)1270 580008
Reference: IN1339a

Consignee:

Université du Québec à Rimouski UQAR

Contact Name: Mathieu Babin
Contact Tel Number:

BOX: 2

Quantity	Product Code	Product Description	Serial Number: if available
☒ 1	10202/14	PyroEArth	10202/14-2024/1339A
☒ 1		Top Hat connector	
☒ 1		Bottom Furnace fitting	

Packed by:

P. Haggel

Date:

5/3/25

Claims for damage or shortages must be made within 3 days

Packing List

Customer Reference:**Shipper / Exporter:**

Sercon Ltd,
Europa House,
Coppicemere Drive,
Crewe,
Cheshire CW1 6GZ, UK

Tel: +44 (0)1270 580008
Reference: IN1339a

Consignee:

Université du Québec à Rimouski UQAR

Contact Name: Mathieu Babin
Contact Tel Number:

BOX: 1

Quantity	Product Code	Product Description	Serial Number: <i>if available</i>
☒ 1	10202/14	PyroEarth	10202/14-2024/1339A
☒ 1		Top Hat connector	
☒ 1		Bottom Furnace fitting	
☒ 1		16amp Cable	

Packed by: P. Hupp
Date: 5/3/25

Claims for damage or shortages must be made within 3 days

Packing List

Customer Reference:**Shipper / Exporter:**

Sercon Limited
Unit 3B Crewe Trade park
Gateway
Crewe
CW1 6JT
UK

Tel: +44 (0)1270 580008
Reference: IN1339a

Consignee:

Université du Québec à Rimouski UQAR

Contact Name: Mathieu Babin
Contact Tel Number:

BOX: 1

Quantity	Product Code	Product Description	Serial Number: <i>if available</i>
☒ 1	20402/1	HS2022	20402/1-2024/1339A

Packed by:



Date:

29/08/2024

Claims for damage or shortages must be made within 3 days

Packing List

Customer Reference:**Shipper / Exporter:**

Sercon Limited
Unit 3B Crewe Trade park
Gateway
Crewe
CW1 6JT
UK

Tel: +44 (0)1270 580008
Reference: IN1339a

Consignee:

Université du Québec à Rimouski UQAR

Contact Name: Mathieu Babin
Contact Tel Number:

BOX: 2

Quantity	Product Code	Product Description	Serial Number: if available
☒ 1	10202/14	PyroEarth	10202/14-2024/1339A

Packed by:



Date:

29/08/2024

Claims for damage or shortages must be made within 3 days

Packing List

Customer Reference:**Shipper / Exporter:**

Sercon Limited
Unit 3B Crewe Trade park
Gateway
Crewe
CW1 6JT
UK

Tel: +44 (0)1270 580008
Reference: IN1339a

Consignee:

Université du Québec à Rimouski UQAR

Contact Name: Mathieu Babin
Contact Tel Number:

BOX: 3

Quantity	Product Code	Product Description	Serial Number: <i>if available</i>
☒ 1	60101/5	Versa 5	60101/5-2024/1339A

Packed by:



Date:

29/08/2024

Claims for damage or shortages must be made within 3 days

Packing List

Customer Reference:

Shipper / Exporter:

Sercon Limited
Unit 3B Crewe Trade park
Gateway
Crewe
CW1 6JT
UK

Consignee:

Université du Québec à Rimouski UQAR

Tel: +44 (0)1270 580008
Reference: IN1339a

Contact Name: Mathieu Babin
Contact Tel Number:

BOX: 4

Quantity	Product Code	Product Description	Serial Number: <i>if available</i>
☒ 1	SI0685	Magnet	135
☒ 1	SI0103	Rotary pump	230950322
☒ 1	SI2737	Autosampler	42688
☒ 1		Msk box - TC cable - 16-amp mains for pyro earth - Us mains cable for HS2022 - Mains cable for versa power supply	
☒ 1	70201-1	Analyser spares kit	
☒ 1	70501-3	Includes sample preparation kit	
☒ 1	70501-5	Simultaneous	
☒ 1	70801-1	Pyrolysis starts up kit high temp for solids	
☒ 1	SI218	PC (mains cable inside)	BX189X3
☒ 1	SI2391	Monitor (mains cable inside)	B45C2V3
☒ 1		Software back up and manuals USB inside PC box	
☒ 1		Windows recovery USB inside PC box	
☒ 1	SI2515	Needle for versa	

Packed by:



Date:

29/08/2024

Claims for damage or shortages must be made within 3 days

Packing List

Customer Reference:

Shipper / Exporter:

Sercon Limited
Unit 3B Crewe Trade park
Gateway
Crewe
CW1 6JT
UK

Tel: +44 (0)1270 580008
Reference: IN1339b

Consignee:

Université du Québec à Rimouski UQAR

Contact Name: Mathieu Babin
Contact Tel Number:

BOX: 1

Quantity	Product Code	Product Description	Serial Number: <i>if available</i>
☒ 1	20402/1	HS2022	20402/1-2024/1339B

Packed by:



Date:

29/08/2024

Claims for damage or shortages must be made within 3 days

Packing List

Customer Reference:**Shipper / Exporter:**

Sercon Limited
Unit 3B Crewe Trade park
Gateway
Crewe
CW1 6JT
UK

Tel: +44 (0)1270 580008
Reference: IN1339b

Consignee:

Université du Québec à Rimouski UQAR

Contact Name: Mathieu Babin
Contact Tel Number:

BOX: 2

Quantity	Product Code	Product Description	Serial Number: <i>if available</i>
☒ 1	10202/14	PYROEARTH	10202/14-2024/1339B
☒ 1		Top hat connection	

Packed by:



Date:

29/08/2024

Claims for damage or shortages must be made within 3 days

Packing List

Customer Reference:

Shipper / Exporter:

Sercon Limited
 Unit 3B Crewe Trade park
 Gateway
 Crewe
 CW1 6JT
 UK

Tel: +44 (0)1270 580008
 Reference: IN1339b

Consignee:

Université du Québec à Rimouski UQAR

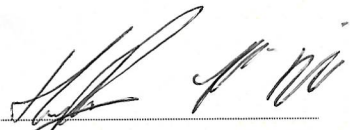
Contact Name: Mathieu Babin
 Contact Tel Number:

BOX: 3

Quantity	Product Code	Product Description	Serial Number: if available
☒ 1	SI0685	Magnet	18-7-23
☒ 1	SI0103	Rotary pump	230811829
☒ 1	SI2737	Autosampler	42689
		Msk box	
☒ 1		- TCD cable	
		- 16-amp mains for pyro earth	
		- Us mains cable for HS2022	
		- Mains cable for versa power supply	
		- Top hat adaptor	
☒ 1	70201-1	Analyser spares kit	
☒ 1	70501-3	Includes sample preparation kit	
☒ 1	70501-5	Simultaneous	
☒ 1	70801-1	Pyrolysis starts up kit high temp for solids	
☒ 1	SI218	PC (mains cable inside)	7R44R04
☒ 1	SI2391	Monitor (mains cable inside)	4F13XY3
☒ 1		Software back up and manuals USB inside PC box	
☒ 1		Windows recovery USB inside PC box	

Packed by:

Date:


 29/08/2024

Claims for damage or shortages must be made within 3 days

Quotation

To: Université du Québec à Rimouski UQAR
 ISMER
 310, allée des Ursulines, C.P. 3300
 Rimouski
 Québec, G5L 3A1
 Canada
 VAT No.

Quotation Date: 06/12/2023
 Quotation Reference: 17225
 Customer Ref:
 Account Ref. UQAR001
 Quotation Validity: 31/05/2024

Quantity	Product Code	Product Description	Unit Price \$	Discount \$	Net Price \$
Proposal Dual EA IRMS Systems					
System 1 EA IRMS with Gas box					
1	20402/1	HS2022 + P-Mag Continuous flow isotope ratio mass spectrometer. Including high sensitivity source and permanent magnet. System configured for m/z 28 to 46 for the analysis of CO ₂ , N ₂ , N ₂ O, NO, O ₂ , SO, CO and CH ₄ (converted to CO ₂). Windows based data system. 70201-1 - Analyser spares kit includes a filament, copper gaskets, source tool kit, pump oil, snoop and ferrules	175,950.000	17,595.00	158,355.00
1	10202/14	PyroEarth - Includes Large sample AutoSampler High performance elemental analyser with pyrolysis capable furnace including TCD for simultaneous CNS + OH analysis. Includes autosampler for solids. 70501-3 - Includes sample preparation kit - micro spatula, mirror, forceps, sample tray and syringe - Includes 70501-5 Simultaneous CNS consumables kit - 70801-1 Pyrolysis Start Up Kit high temp for Solids	83,300.000	8,330.00	74,970.00
Upgrade Furnaces to silicon carbide elements to run at 1450 deg C Requires Trapping loop					
1	10202/10	XYZ Gas Sampling Control Box Gas flow control and purification module	7,650.000	765.00	6,885.00
1	60101/5	verSA 5 (Single head XYZ autosampler)	18,700.000	1,870.00	16,830.00
System 2 EA IRMS general					

Quotation

To: Université du Québec à Rimouski UQAR
ISMER
310, allée des Ursulines, C.P. 3300
Rimouski
Québec, G5L 3A1
Canada

VAT No.

Quotation Date: 06/12/2023
Quotation Reference: 17225
Customer Ref:
Account Ref. UQAR001
Quotation Validity: 31/05/2024

Quantity	Product Code	Product Description	Unit Price \$	Discount \$	Net Price \$
1	20402/4	HS2022 + Hd Collector + E-Mag + Trap Loop Continuous flow isotope ratio mass spectrometer. Including high sensitivity source, electro magnet and HD collector Innovative trapping loop technology included, which allows the source to be tuned and delta values to be calculated without the need for a reference gas. System configured for m/z 28 to 64 for the analysis of H2, CO2, N2, N2O, NO, O2, SO, SO2, CO and CH4 (converted to CO2). Windows based data system. 70201-1 - Analyser spares kit includes a filament, copper gaskets, source tool kit, pump oil, snoop and ferrules	184,450.000	18,445.00	166,005.00
1	10202/14	PyroEarth High performance elemental analyser with pyrolysis capable furnace including TCD for simultaneous CNS + OH analysis. Includes autosampler for solids. 70501-3 - Includes sample preparation kit - micro spatula, mirror, forceps, sample tray and syringe - Includes 70501-5 Simultaneous CNS consumables kit - 70801-1 Pyrolysis Start Up Kit high temp for Solids	83,300.000	8,330.00	74,970.00
		Upgrade Furnaces to silicon carbide elements to run at 1450 deg C Requires Trapping loop			
1	WARR2	2 year warranty	0.000	0.00	0.00
1	DDP	Delivered Duty Paid	12,000.000	0.00	12,000.00
1	INST	Installation and start up training at Customer's site	19,500.000	0.00	19,500.00

CFI Contribution
CAD \$105903

Factory training for one week F.O.C.

This quotation is issued in Canadian Dollar

Total Net Amount \$ 423,612.00

Total VAT Amount \$ 0.00

Order Total \$ 423,612.00

* The price quoted does not include any local taxes or duties
See separate document for terms and conditions

Payment Details:-
50% with order, 40% on delivery and 10% installation
Payment is required within 30 DAYS of invoice date by bank transfer.
All bank transfer charges are the responsibility of the customer.

Sercon Bank Details:-
National Westminster Bank, 36 High Street,
Nantwich, Cheshire CW5 5GA U.K.

Sterling: IBAN: GB74NWBK54101736755133
Euro: IBAN: GB14NWBK60721013806831
US Dollar: IBAN: GB94NWBK60730113806556
BIC: NWBKGB2LXXX

Packing List

Customer Reference:**Shipper / Exporter:**

Sercon Ltd,
Europa House,
Coppicemere Drive,
Crewe,
Cheshire CW1 6GZ, UK

Tel: +44 (0)1270 580008
Reference: IN1339a

Consignee:

Université du Québec à Rimouski UQAR

Contact Name: Mathieu Babin
Contact Tel Number:

BOX: 2

Quantity	Product Code	Product Description	Serial Number: <i>if available</i>
☐ 1	10202/14	PyroEArth	10202/14-2024/1339A
☐ 1		Top Hat connector	
☐ 1		Bottom Furnace fitting	

Packed by:

Date:

Claims for damage or shortages must be made within 3 days

Packing List

Customer Reference:

Shipper / Exporter:

Sercon Ltd,
Europa House,
Coppicemere Drive,
Crewe,
Cheshire CW1 6GZ, UK

Tel: +44 (0)1270 580008
Reference: IN1339a

Consignee:

Université du Québec à Rimouski UQAR

Contact Name: Mathieu Babin
Contact Tel Number:

BOX: Dimensions and weights

	<u>L</u>		<u>W</u>		<u>H</u>		
Box 1	_____	x	_____	x	_____	cm	gw _____ kg
Box 2	_____	x	_____	x	_____	cm	gw _____ kg
Box 3	_____	x	_____	x	_____	cm	gw _____ kg

Packing List

Customer Reference:**Shipper / Exporter:**

Sercon Ltd,
Europa House,
Coppicemere Drive,
Crewe,
Cheshire CW1 6GZ, UK

Tel: +44 (0)1270 580008
Reference: IN1339b

Consignee:

Université du Québec à Rimouski UQAR

Contact Name: Mathieu Babin
Contact Tel Number:

BOX: 1

Quantity	Product Code	Product Description	Serial Number: <i>if available</i>
☐ 1	10202/14	PyroEArth	10202/14-2024/1339b
☐ 1		Top Hat connector	
☐ 1		Bottom Furnace fitting	
☐ 1		16amp Cable	

Packed by:

Date:

Claims for damage or shortages must be made within 3 days

Packing List

Customer Reference:

Shipper / Exporter:

Sercon Ltd,
Europa House,
Coppicemere Drive,
Crewe,
Cheshire CW1 6GZ, UK

Tel: +44 (0)1270 580008
Reference: IN1339b

Consignee:

Université du Québec à Rimouski UQAR

Contact Name: Mathieu Babin
Contact Tel Number:

BOX: Dimensions and weights

	<u>L</u>		<u>W</u>		<u>H</u>		
Box 1	_____	x	_____	x	_____	cm	gw _____ kg
Box 2	_____	x	_____	x	_____	cm	gw _____ kg
Box 3	_____	x	_____	x	_____	cm	gw _____ kg

Blue Book Meeting Minutes

Client:	University of Quebec		
Quotation Number:	17225	Date:	31/05/2024
Job Number:	IN1139A/B	Date:	

Attendees:	Sam S, Paul H, Simon M. Mark O
Meeting date:	06/06/2024
Instrument Configuration:	
Instrument Drawing numbers to be agreed upon:	
Additional order information and non-standard requirements. – Sales Team to provide relevant information.	

Kit List:

Part Number	Description	QTY	Date to be Shipped (Dangerous Goods to ship ASAP)	Comments

Meeting Notes:

Dates:

On test date	Shipment date	Delivery date

Documents sent:

T&C sent	Pre-Installation Guide sent
☐	☐

Agreed by all attendees :

X _____



Sercon Ltd
Unit 3B Crewe Trade Park
Gateway, Crewe, Cheshire
CW1 6JT U.K.
Company Registration No.: 4290072

Phone: +44 (0) 1270 580008
Fax: +44 (0) 1270 252310

www.sercongroup.com
VAT No.: 771 1100 74



FIELD EVALUATION SERVICE – SPE1000 /
SERVICE D'ÉVALUATION SUR LE TERRAIN – SPE1000

PRODUCT REPORT & LIST of Sr. Nos. /
RAPPORT SUR LES PRODUITS ET LISTE DES NUMÉROS DE SÉRIE

General Information/Renseignements généraux :

Date/Date: 2025-04-29		Project No/N° de projet: 4791746014	Regulator Inspection #/N° d'inspection d'organisme de réglementation: (When available)/(Le cas échéant)
Office/ Bureau:	TRT ☐ VAN ☐ MTL ☒ EDM ☐ Other/Autre ☐ _____		
FE Inspector/Inspecteur responsable de l'évaluation sur le terrain: Jesse-Carl Gauthier (Name only)/(Nom seulement)		ULC Internal use only – Reviewer Name/Pour usage interne de ULC uniquement – Nom du réviseur: REVIEWED <i>Mansour Dahmane</i> , 30/04/2025 (Signature and date)/(Signature et date)	
Applicant/Demandeur: Sercon Limited Europa House Coppicemere Drive Crewe, CW1 6GZ United Kingdom			Attention/À l'attention de: M. Rob Kameny
Location of Examination/Emplacement de l'examen: UQAR, 310 Allée des Ursulines, Rimouski, Qc G5L 3A1			



FIELD EVALUATION SERVICE – SPE1000 /
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PRODUCT REPORT & LIST of Sr. Nos. /
RAPPORT SUR LES PRODUITS ET LISTE DES NUMÉROS DE SÉRIE

Product Information/Renseignements sur le produit:

Product Description /Description du produit: Laboratory Equipment –Combustion Furnace PyroEarth	Manufacturer/Fabricant: Sercon
Model Number/Numéro de modèle: (2) PyroEarth	Number of Products Labelled/Nombre de produits étiquetés: 2
Electrical Rating/Valeurs électriques nominales: Model PyroEarth: 220-240 Vac/V c.a, 16A (13.8A measured),3.8KVA, ☐ 50Hz/ ☒ 60Hz, 1 Phase/Phase, 2 Wires/Fils+GND. * Equipment is designed for a 230Vac (L-N) European Voltage. A special transformer on electrical grid (building installation) has been installed to powered the equipment as required 230Vac L-N. Operating temperature Range: 17°C to 30°C Operating Humidity Range: 20% to 70% ☒ Cord /Cordon, ☐ Permanently connected/Raccordement permanent. * Detachable power cord Environmental Rating/Caractéristiques nominales correspondant à l'environnement: ☒ Indoor /Utilisation à l'intérieur / ☐ Outdoor Use, Type/à l'extérieur, Type 1.	
Product Serial Number/ Numéro de série du produit	FE Label Number/ Numéro d'étiquette FE
Model PyroEarth 10202/14-2024/1339A, 10202/14-2024/1339B	FE 202235061, FE 202235060
☐ Not labelled/Pas d'étiquetage. Please state reason/Préciser la raison : N/A	



FIELD EVALUATION SERVICE – SPE1000 /
SERVICE D'ÉVALUATION SUR LE TERRAIN – SPE1000

PRODUCT REPORT & LIST of Sr. Nos. /
RAPPORT SUR LES PRODUITS ET LISTE DES NUMÉROS DE SÉRIE

Test Results:/Résultats des essais :

Environmental Conditions/Conditions ambiantes: Ambient/Température ambiante ____ °C,
Humidity/Humidité ____ %, **Atmospheric Pressure/Pression atmosphérique** ____ kPa
(Only if applicable / Seulement si applicable)

*Tests performed in a controlled environment (temperature and relative humidity)

6.1 Tests/Essais

6.1.2 Dielectric voltage withstand/Rigidité diélectrique: ☒ **Pass/Réussite** ☐ **Fail/Échec** ☐ **Waived*/Dérogação***

(*)Refer section on Comments /Assumptions or Waivers/Se reporter à la section sur les commentaires/les hypothèses ou les dérogations.

Tested at/Essai exécuté à 1000 Vac/V c.a. for 1 min/pendant 1 min (unless alternate test method checked) without breakdown/(à moins qu'une autre méthode d'essai ne soit validée) sans défaillance.

- ☒ 1000 Vac (30V<U<250V) / 1000 V c.a. (30V<U<250V)
☐ 1000+2U Vac (250V<U<600V) / 1000+2Vi V c.a. (250V<U<600V)
☐ ____ Vac/Vdc (U>600V, please see Part 2 standard)
☐ 1.414X Test Voltage Vdc / 1.414 X tension d'essai V c.c.
☐ 1 Second at 120% X Test Voltage (alternate test method) / 1 seconde à 120 % x tension d'essai (méthode d'essai alternative)

U = rated voltage / tension nominale

☒ 100% products tested/des produits soumis à l'essai or ☐ Test on sample Sr.No. / Test d'échantillon Sr.No

6.1.3. Flame Test/L'essai à la flamme

☐ **Pass/Réussite** ☐ **Fail/Échec** ☒ **NA/S.O.**

*Equipment is made of painted metal enclosure

6.1.4 Strain Relief/Arrêt de traction

☐ **Pass/Réussite** ☐ **Fail/Échec** ☒ **NA/S.O.**

Withstand for 5 seconds a direct pull equal to /Résistance pendant 5 secondes à une traction directe égale à

- ☐ 30 N (3 kg) for mass of the equipment up to and including 1 kg / pour la masse de l'équipement jusqu'à 1 kg inclus.
☐ 60 N (6 kg) for mass of the equipment over 1 and up to and including 4 kg / pour la masse de l'équipement supérieure à 1 et inférieure ou égale à 4 kg.
☐ 156 N (15.9 kg) for mass of the equipment over 4 kg / pour la masse de l'équipement supérieure à 4 kg.

The test shall be conducted 5 times, each time for a duration of 5 seconds / L'essai doit être coinduit 5 fois, chaque fois pendant une durée de 5 secondes.

*Detachable power cord.



FIELD EVALUATION SERVICE – SPE1000 /
SERVICE D'ÉVALUATION SUR LE TERRAIN – SPE1000

PRODUCT REPORT & LIST of Sr. Nos. /
RAPPORT SUR LES PRODUITS ET LISTE DES NUMÉROS DE SÉRIE

6.2 Other tests/Autres essais

6.2.2	Input Rating / Tension nominale d'entrée	☒ Pass/Réussite	☐ Fail/Échec	☐ NA/S.O.
6.2.3	Temperature / Échauffement (Température)	☐ Pass/Réussite	☐ Fail/Échec	☒ NA/S.O.
6.2.4	Abnormal Tests / Conditions anormales	☐ Pass/Réussite	☐ Fail/Échec	☒ NA/S.O.
6.2.5	Leakage Current / Courant de fuite	☐ Pass/Réussite	☐ Fail/Échec	☒ NA/S.O.
6.2.6	Test for Stability / Essai de stabilité	☐ Pass/Réussite	☐ Fail/Échec	☒ NA/S.O.
6.2.7	Submersible Equipment / Appareillage submersible	☐ Pass/Réussite	☐ Fail/Échec	☒ NA/S.O.
6.2.8	Wall or ceiling mounting / Montage au mur ou au plafond	☐ Pass/Réussite	☐ Fail/Échec	☒ NA/S.O.
6.2.9	Rain Test / Résistance à l'infiltration d'eau	☐ Pass/Réussite	☐ Fail/Échec	☒ NA/S.O.
6.2.10	Impact / Résistance au choc	☐ Pass/Réussite	☐ Fail/Échec	☒ NA/S.O.
6.2.11	Starting / Démarrage	☐ Pass/Réussite	☐ Fail/Échec	☒ NA/S.O.
6.2.12	Bonding Impedance / Impédance de la continuité des masses	☐ Pass/Réussite	☐ Fail/Échec	☒ NA/S.O.

Note: In the event other tests in 6.2 are conducted on the product (unit tested), the product so tested may not be in a safe operating condition and hence may not be Labelled. /

Remarque: Dans l'éventualité où d'autres essais que ceux mentionnés à la section 6.2 seraient effectués sur le produit (unité soumise à l'essai), les conditions d'exploitation du produit soumis à l'essai risquent de ne pas être sûres, et de ce fait le produit risque de ne pas être étiqueté.

6.2.2 Input Rating / Tension nominale d'entrée

Input rating test done on model: PyroEarth at 231.1Vac/60hz with all options and heating elements at ON set at maximum temperature of 1400DegC. The maximum current measured was 13.8 Amp for short period on time during the furnace temperature ramping up. After maximum temperature reached the equipment is cycling from 0A to 2.5A and to maximum 11.9A.

Grounding & Bonding Resistance Check:

Measured <0.1 Ohm between the main ground connection and all exposed non current carrying metal parts in every case.

PASS



FIELD EVALUATION SERVICE – SPE1000 /
SERVICE D'ÉVALUATION SUR LE TERRAIN – SPE1000

PRODUCT REPORT & LIST of Sr. Nos. /
RAPPORT SUR LES PRODUITS ET LISTE DES NUMÉROS DE SÉRIE

Test Equipment/Équipement d'essai:

Test Equipment Log/Journal d'équipement d'essai:

Client test equipment is not permitted for use. Refer SOP Standard Operation Procedures-ULID-002102 (DCS:05-FE-S0825) section 5.2 for use under exceptional cases with prior authorization. Justification to be documented under section Comments/Assumptions or Waivers / Il est interdit d'utiliser l'équipement d'essai du client. Se reporter au document SOP Standard Operation Procedures-ULID-002102 (DCS:05-FE-S0825), section 5.2, en ce qui concerne l'utilisation dans des cas exceptionnels sans autorisation préalable. Justification à documenter dans la section sur les commentaires/hypothèses ou dérogations.

Note: The Table below is unlocked allowing the flexibility to add/delete rows. Changes to the Table Format, however, are not permitted. /

Remarque: Le tableau ci-dessous n'est pas verrouillé. Des lignes peuvent donc y être ajoutées/supprimées. Néanmoins, il est interdit de modifier la présentation du tableau.

Test Name / Nom de l'essai	Equip No. / N° d'équipement	Model No. / N° de modèle	Range Used / Plage utilisée	Cal Date / Date d'étalonnage (yyyy-mm-dd) / (jj- mm-aaaa)	Next Cal Date / Date d'étalonnage suivant (yyyy-mm-dd) / (jj- mm-aaaa)
Dielectric Strength Test	235224	Associated Research Hypot Series	0-1000 Vac for 60 sec with a ramp up 10 sec & ramp down 10 sec	2025-02-19	2026-02-28
Grounding & Bonding Resistance check	235243	Fluke 374 FC	0-1 ohm 0-240Vac 0-14Amp	2025-02-18	2026-02-28



FIELD EVALUATION SERVICE – SPE1000 /
SERVICE D'ÉVALUATION SUR LE TERRAIN – SPE1000

PRODUCT REPORT & LIST of Sr. Nos. /
RAPPORT SUR LES PRODUITS ET LISTE DES NUMÉROS DE SÉRIE

Test Equipment Operational Check:

An operational check was performed on the test equipment specified above prior to its use.

- ☒ The test equipment was found to operate as intended.
☐ Operational check was not required.

Note: Operational check is required only for the following test equipment types :

- *Dielectric Strength Tester.*
- *Digital Multimeter (DMM).*
- *Vernier Caliper.*
- *Micrometer.*



FIELD EVALUATION SERVICE – SPE1000 /
SERVICE D'ÉVALUATION SUR LE TERRAIN – SPE1000

PRODUCT REPORT & LIST of Sr. Nos. /
RAPPORT SUR LES PRODUITS ET LISTE DES NUMÉROS DE SÉRIE

Comments, Assumptions or Waivers / Commentaires, hypothèses ou dérogations:

(1. Testing and/or Construction waivers to be documented, 2. Provide justification in case Applicants Equipment was used) / (1. Documenter les essais ou les dérogations relatives à la construction, 2. Fournir une justification en cas d'utilisation de l'équipement des demandeurs).

All construction elements of SPE 1000 Cl. 4 have been reviewed and comply with the applicable requirements. Further information on the details of this review are available upon request.

The Field Evaluation Inspection scope 2 indoor use, cord connected Sercon model: PyroEarth Laboratory Equipment- Heating furnace that can heat up to 1400 DegC for preparing samples that will be transferred in the HS2022 IRMS isotope ratio mass spectrometer for analysis. They are use simultaneously as a kit for laboratory analysis. The Laboratory furnace is equipped with 3 stages heating element (HT) 110V/2000Watts/18.2A, EA FURNACE 55V/500Watts/9A and TUBE FURNACE VCTF1 SP 240V/2A.

Critical components list model: PyroEarth is listed below and into the BOM provided by the manufacturer

Detachable Power cord CSA type SJOOW 3/C 12AWG with Twist lock connector 250Vac/20A cULus

ON/OFF switch 125/250V, 20A cURus

Main power inlet 125/250V, 20A cURus

Fuseholders Schurter cURus 250V/20A

Fuse holders MERSEN type CC 600V/30A

Fuses Bussman type CC 600V/30A

Supplementary Fuses cURus 250V/16,10,4,2.5A

Fan RS PRO 80MM FAN RS 541-5277cURus 24Vdc/100 mA EP

AC/DC Power supply XP power cURus Input:100-277Vac/60hz/4.2A Output:24Vdc/13.4A

Honeywell 2455RC-90820387 thermostat CSA/UL 120-250V 260DegC

Omron relay cURus

ETE transformer MV2000P1S1 3000VA 240V:55V/110V

Vecstar HT-EA FURNACE HT EA 14 110V/2000Watts/18.2A

Vecstar EA FURNACE 55V/500Watts/9A

Vecstar TUBE FURNACE VCTF1 SP 240V/2A

RS Pro 25A SSR 9224996 OUTPUT:280VAC/25A INPUT:3-32VDC cURus

Crydom SSR D2410PG OUTPUT:240VAC/10A INPUT:3-32VDC cURus/CSA

Refer to photos, electrical drawing and BOM for more details.

Grounding and Bonding: Main ground wire from power cord to the power inlet module is connected to a ground cable installed on the metal frame on a closed loop lug, lockwasher and a screw. All non current carrying metal parts are bonded. A ground terminal block with multiple terminals is use for bonding and to ground other components.

Overcurrent protection: Main overcurrent protection is provided by the end user at final installation as per CE Code part (20Amp) for the model PyroEarth. Provided by the 20A twist lock plug.

Branch overcurrent protection is provided by the end user at final installation as per CE Code part (20Amp) for the model PyroEarth. Provided by the 20A twist lock plug.

Supplementary overcurrent protection are provided by the supplementary fuses cURus 250Vac/16,10,4,2.5 (model PyroEarth)

Equipment test waived as performed during first FE inspection with result recorded in project: 4791554816 done under UQAR (Equipment buyer instead of the equipment manufacturer).

6.2.3 Temperature / Échauffement (Température)

Normal temperature test performed for 8 hours at maximum heater temperature set of 1400DegC untill temperature stability. No temperature has raise more than allowable temperature of SPE-1000 table 8 except for the front and side metal enclosure near the



FIELD EVALUATION SERVICE – SPE1000 /
SERVICE D'ÉVALUATION SUR LE TERRAIN – SPE1000

PRODUCT REPORT & LIST of Sr. Nos. /
RAPPORT SUR LES PRODUITS ET LISTE DES NUMÉROS DE SÉRIE

furnace. The maximum temperature measured was 64.4DegC at an ambient temperature of 24.4DegC which is a 40DegC temperature raise on metal enclosure that the operator could come in contact with (maximum allowable is 35degC raise for metal enclosure according to SPE-1000 table 8). Acceptable since this is a furnace and dedicated to heat samples. The equipment isn't installed close to the walls and warning label Caution: hot surface have been added next to surface that could come hot during normal use.

6.2.4 Abnormal Tests / Conditions anormales

There is no hi-limit cut off switch since the heating control and the hi limit cutoff switch is done by a PCB controller and thermocouples. Test have been done with all heating elements at ON for 8 hours until maximum temperature reached with temperature controller bypassed. After the test there is no fire, no hazard, no damage and the hi limit cut off switch operates in a manner to protect the equipment in normal use and in fault condition with temperature controller bypassed there is no hazards, no fire and no damage.

6.2.5 Leakage Current / Courant de fuite

The highest leakage obtains on the model: PyroEarth is 1.234 mA with Ground open/neutral open and normal polarity.**PASS**

Declaration/Déclaration: The following technical requirements were used in the evaluation of the product covered in this Report.
/ Les exigences techniques suivantes ont été utilisées dans le cadre de l'évaluation du produit dont il est question dans ce rapport.

Standard(s) SPE-1000-21 / Norme(s) SPE-1000-21; CSA C22. No.0.4:17 (2022), CSA C22.2 No.0:20, CSA C22.2 No.61010-1-12 (R2022) and/et CE Code part 1 CSA C22.1 Ed. 2021 (provide reference to CEC or Part II Standards when used as a guide)/(faire référence aux normes du Code CE ou de la Partie II en cas d'utilisation comme guide)



FIELD EVALUATION SERVICE – SPE1000 /
SERVICE D'ÉVALUATION SUR LE TERRAIN – SPE1000

PRODUCT REPORT & LIST of Sr. Nos. /
RAPPORT SUR LES PRODUITS ET LISTE DES NUMÉROS DE SÉRIE

Conditions of Acceptability/Conditions d'acceptabilité :

SPE-1000 is not intended for type testing or prototype testing as typically conducted in a certification program. Instead, it focuses on establishing the minimum construction, marking, and testing requirements necessary to ensure that electrical equipment and products do not pose undue hazards to persons or property, as defined within the scope of SPE-1000.

SPE-1000 evaluations do not cover the efficacy, performance, or quality of the electrical equipment. If concerns regarding efficacy, performance, or other functional attributes arise, these must be addressed through services other than the Field Evaluation process under SPE-1000.

Where applicable, systems involving piping, pressure vessels, boilers, and associated equipment fall under the jurisdiction of provincial and territorial authorities and must comply with the relevant regulations regarding construction and marking. The responsibility for ensuring compliance with these requirements lies with the manufacturer.

Scope of Evaluation:

This evaluation exclusively addresses the electrical safety of the equipment in accordance with SPE-1000, CSA C22.2 No. 0:20, applicable product standards, and the relevant sections of the Canadian Electrical Code. It does not extend to evaluating performance, efficiency, or overall functionality. The evaluation is conducted with the understanding that the equipment is intended for use in non-hazardous, ordinary locations.

Authority Having Jurisdiction (AHJ):

The final authority for the acceptance, approval, installation, and use of the equipment resides with the local Authority Having Jurisdiction (AHJ). The AHJ may impose additional requirements or restrictions in accordance with local codes, standards, and regulations.

Intended Use and Environmental Suitability:

The equipment must be installed and operated in strict accordance with its intended use, as outlined by the manufacturer's instructions and the limitations specified within this evaluation report. This equipment is suitable only for use in ordinary (non-hazardous) locations unless otherwise specified.

Installation and Maintenance:

Installation must comply with the Canadian Electrical Code (CEC) and adhere to any specific guidelines or instructions provided in this evaluation report. It is the responsibility of the equipment owner/operator to establish and maintain a regular maintenance and inspection program to ensure the continued safe operation of the equipment.

Modifications and Alterations:

Any modifications or alterations to the equipment, its installation, or intended use may invalidate this evaluation's findings. Such changes must be reviewed and approved by a qualified electrical safety professional, and re-evaluation may be required to confirm continued compliance with applicable safety standards.

Caution Notices/Avertissements:

Caution: Hot surface
Caution: Disconnect supply before servicing
Replace fuse with same type and rating
Disconnect supply before changing fuse

Verified Bilingual Caution Markings / Vérification Marquage Bilingue : ☒ Yes /Oui ☐ No/Non



FIELD EVALUATION SERVICE – SPE1000 /
SERVICE D'ÉVALUATION SUR LE TERRAIN – SPE1000

PRODUCT REPORT & LIST of Sr. Nos. /
RAPPORT SUR LES PRODUITS ET LISTE DES NUMÉROS DE SÉRIE

Alterations/Modifications:

None required

.....
Previous Alterations/modifications from the first FE inspection

For model PyroEarth

1- Equipment don't have a main electrical name with minimum requirements. All equipment shall have a main nameplate with electrical rating. Equipment shall be plainly marked in a permanent manner, where the details will be readily visible after installation without use of a tool, with the following according to the SPE-1000 section 5.1:

- a) manufacturer's name, trademark, trade name, or other recognized symbol or identification;
- b) catalogue, style, model, or other type designation;
- c) supply voltage or voltage range;
- d) frequency or frequency range;
- e) number of phases, unless intended for single-phase use only;
- f) input in amperes, watts, or volt-amperes;
- g) for multi-voltage equipment, all rated voltages and current ratings;
- h) required caution markings;
- i) horsepower rating of motor(s) used within the equipment, where the motor nameplate(s) is not visible during inspection or installation;
- j) motor full-load current rating where motor overload protection is intended to be separately provided during installation;
- k) enclosure-type classification where intended for other than indoor or dry location usage; and
- l) for electrical equipment required to interrupt current and rated 750 V and less, interrupting ratings in accordance with applicable Part II Standards.

*Provided on site by the UL inspector for the first inspection. Manufacturer has installed a main electrical nameplate with all information 220-240V/50-60hz/3.8KVA/16A. Acceptable 2025-04-29 JCG

2- Main rocker switch, On/off switch is rated 250V/12A on an equipment drawing 13.8A. All components shall be rated for the voltage and amperage of the electrical circuit they are installed in according to the SPE-1000 clause 4.1.2.1.

Ref. SPE-1000

4.1.2 Switches and controls (including safety interlock switches)

4.1.2.1

Switches and controls shall be rated for their intended use, and shall be suitable for the voltage of the circuit in which they are used. They shall have a current-interrupting capacity not less than the load(s) they control, or shall be subject to investigation to determine their acceptability for the application.

* Main rocker switch, On/off switch is rated 125/250V,20A cURus have been installed. Acceptable 2025-04-29 JCG

3-Equipment main fuse is 250V/10A on an equipment drawing 13.8A. Fuse shall be sized accordingly and at higher tripping value than the equipment maximum drawing current during normal use. * Main equipment supplementary fuse have been replaced by a 250V/16A fuse. Equipment is protected by the end user at final installation with the 20A twist lock plug. Acceptable 2025-04-29 JCG

4- Vecstar EA FURNACE is rated 55V/500Watts/9A. The fuse protecting the EA furnace is a 250V/6A. Fuses shall be replaced for a fuse value set at more than the maximum FLA of the EA furnace. * Manufacturer have replaced the supplementary fuse by a time delay supplementary fuse 250V/10A. Acceptable since the equipment furnace amperage is cycling and in normal current measured at 6.1A. 2025-04-29 JCG

5- Main power connector is only CE marked. All components shall be approved by an NRTL and bear a certification mark recognized in Canada such as CSA, cUL, cUR.



FIELD EVALUATION SERVICE – SPE1000 /
SERVICE D'ÉVALUATION SUR LE TERRAIN – SPE1000

PRODUCT REPORT & LIST of Sr. Nos. /
RAPPORT SUR LES PRODUITS ET LISTE DES NUMÉROS DE SÉRIE

Ref. SPE-100

4.1.1.5.1

Electrical component parts in primary circuits of equipment shall be of types specifically approved for the use intended or shall be investigated with, and as an integral part of, the equipment

*Main power connector (Main power inlet) have been replaced by a 125/250V, 20A cURus receptacle. Acceptable 2025-04-29 JCG

6-The ETE transformer 2000VA 230V:55V/110V with 2 output powering a EA furnace rated 55V/500W/9A and Vecstar HT-EA FURNACE HT EA 14 110V/2000Watts/18.2A. All loads together are rated 2500VA and ramping up at maximum temperature is drawing more than 2000VA (measured 23.4A during test). This constitute a transformer overload everytime the equipment needs to start from cold and need to reach maximum temperature of 1400DegC. Transformer shall be bigger than 2000 VA to not constitute a fault in normal use. * Main power transformer have been replaced by a ETE transformer 3000VA 230V:55V/110V. Acceptable 2025-04-29 JCG

7- Transformer primary and secondary shall be overcurrent protected according to the SPE-1000 section 4.31.1.5. Primary shall be protected at not more than 300% of the FLA and all individual secondaries shall be protected at not more than 125% if more than 9A (FLA). If less than 9A (FLA) secondary can be protected at 167% of the transformer secondary FLA.

4.31.1.5 Control circuit transformer protection

4.31.1.5.1

Except as specified in Clause 4.31.1.5.2, the control circuit transformer primary and secondary windings shall be protected by one or more of the following types of overcurrent protection:

- a) An individual overcurrent device or devices located in the primary circuit and rated or set as specified in Table 19. Overcurrent protective devices shall be provided in each ungrounded conductor.
- b) Notwithstanding Item a), a transformer having an overcurrent device on the secondary side set at not more than 125% of the rated secondary current of the transformer shall not be required to have an individual overcurrent device on the primary side, provided that the primary feeder overcurrent device is set at not more than 300% of the rated primary current of the transformer.
- c) Where a value not exceeding 125% of the rated primary current of the transformer as specified in Item a) does not correspond to the standard rating of the overcurrent device, the next higher standard rating shall be permitted.

4.31.1.5.4

A control transformer and its primary and secondary conductors may be protected by overcurrent devices located only in the primary circuit, provided that

- a) the transformer is single phase and has only a two-wire (single-voltage) secondary;
- b) the maximum value of an intended overcurrent device is determined in accordance with Clause 4.31.1.5.1; and
- c) the maximum value of an intended overcurrent device as determined in accordance with Item b) does not exceed the value of an overcurrent device obtained from Section 14 of the *Canadian Electrical Code Part I* for the secondary



FIELD EVALUATION SERVICE – SPE1000 /
SERVICE D'ÉVALUATION SUR LE TERRAIN – SPE1000

PRODUCT REPORT & LIST of Sr. Nos. /
RAPPORT SUR LES PRODUITS ET LISTE DES NUMÉROS DE SÉRIE

Table 19
Maximum acceptable rating of primary overcurrent device
(See Clause 4.31.1.5.1.)

Rating primary current, A	Maximum rating of overcurrent protective devices expressed as a percentage of transformer primary current rating
Less than 2	500
2 to less than 9	167
9 or more	125*

Table 20
Maximum acceptable rating of secondary overcurrent device
(See Clause 4.31.1.5.3.)

Rating secondary current, A	Maximum rating of overcurrent protective devices expressed as a percentage of transformer secondary current rating
Less than 9	167
9 or more	125*

*Transformer ETE 3000VA 230:110/55V is now protected at 20Amp on primary side(Overcurrent protected by the 20Amp twist lock plug) which is less than 300% and secondary is protected at 30A which is less than 125%. Acceptable 2025-04-29 JCG

8- Transformer conductors shall be protected by branch protection (fuses or circuit) breakers. Conductors shall be sized 125% of the transformer FLA or in a manner that the overcurrent protection is protecting the conductors/wires. 110V output transformer is maximum rated 2000VA/110V= 18.18 A max. Maximum overcurrent protection shall not be higher than $18.18 \times 1.25 = 22.7A$ and conductor shall be sized accordingly to be able to carry 22.7A. In this case 10AWG/6mm² are required. In the case the transformer will change the calculation shall be made. * Conductors on secondary side of the transformer protected at 30A have been replaced for 10AWG/6mm². Acceptable 2025-04-29 JCG

Attachments/Pièces jointes:

	No. of Pages/ Nombre de pages
☐ Other Tests (For test conducted per SPE1000 section 6.2 Other tests or Part II standards)/Autres essais (pour les essais menés à bien conformément aux normes de la section 6.2 Autres essais du document SPE1000 ou de la Partie II)	
☒ Photographs/Photographies	60
☒ List of Critical Components/Liste des composants critiques	In report and in BOM 3 page
☒ Wiring Diagrams or Schematics/Schémas de câblage ou schémas de principe	1+1
☐ Manuals/Manuels French Version, English Version, SPE-1000 resume	
☐ Applicant's Equipment Calibration Certificate (when authorized to use)/Certificat d'étalonnage de l'équipement du demandeur (en cas d'utilisation autorisée)	
☐ Other/Autre -	
☐ Other/Autre -	

This Report is issued for and on behalf of Underwriters Laboratories of Canada Inc. by / Ce rapport est établi pour et au nom des Laboratoires des assureurs du Canada Inc. par:

FE Inspector / Inspecteur responsable de l'évaluation sur le terrain (Signature) :	<i>Jesse-Carl Gauthier</i>	Date/Date: 2025-04-29
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FIELD EVALUATION SERVICE – SPE1000 /
SERVICE D'ÉVALUATION SUR LE TERRAIN – SPE1000

PRODUCT REPORT & LIST of Sr. Nos. /
RAPPORT SUR LES PRODUITS ET LISTE DES NUMÉROS DE SÉRIE

Report Acceptance By – Applicant:/Acceptation du rapport par – Demandeur : Sercon Limited

1. Except for like-for-like component replacement in the event of component failure, no change, alteration, or addition to the product or system shall be made that would alter the construction, operation, function, layout, source of supply, physical location, or any other change, alteration, or addition that may be made to the product. If such changes, alterations, or additions to the product occur, the Field Evaluation Service Label shall be considered invalid and a separate evaluation shall be required to determine compliance with the applicable product safety Standards under the changed conditions./
Sauf en cas de remplacement par un composant identique, si un composant s'avère défectueux, aucune modification, aucune altération, et aucun ajout au produit ou au système ne doit être effectué(e) si cela est susceptible d'altérer la construction, le fonctionnement, la fonction, la configuration, la source d'alimentation, l'emplacement physique, ou toute autre modification, altération, ou tout autre ajout au produit. Si ces changements, altérations, ou ajouts au produit ont lieu, l'étiquette de service d'évaluation sur le terrain doit être jugée invalide et une évaluation individuelle doit être exigée pour déterminer la conformité par rapport aux normes de sécurité du produit en vigueur, conformément aux nouvelles conditions.
2. This evaluation considered the risks associated with electric shock, fire, and casualty hazards as specified in the Model Code SPE-1000 only. No other hazards were evaluated during this evaluation. The ULC Field Evaluation Service label represents the results of a single inspection and shall not be considered as equivalent to the ULC/cUL Listing Mark, cUR Recognized Component Mark, or cUL Classified Product Mark./
Cette évaluation a pris en compte les risques de choc électrique, d'incendie, et d'accident, tels que spécifiés dans le code type SPE-1000 uniquement. Aucun autre danger n'a été évalué pendant cette évaluation. L'étiquette du service d'évaluation sur le terrain de l'ULC représente le résultat de l'évaluation seule et n'équivaut pas à la marque d'inscription ULC/cUL, et à la marque de composant reconnu cUR, ni à la marque de produit classifié cUL.
3. Marking Language: The Applicant agrees to provide dual language Safety Labelling as required by the Model Code SPE1000, Standard(s) and/or the Regulatory Authority based on the Province or Territory where the Product is intended to be installed /used./
Langue de marquage: Le Demandeur accepte d'utiliser des étiquettes de sécurité bilingues, tel que l'exige le document SPE1000, la/les norme(s) et/ou l'autorité de réglementation de la province ou du territoire où le produit doit être installé/utilisé.
4. The Applicant agrees to notify ULC of any situation where a product bearing an inspection label could lead to a potential hazard./
Le demandeur accepte d'avertir ULC dans l'éventualité où un produit porteur d'une étiquette d'inspection serait susceptible de constituer un danger potentiel.
5. The Applicant/End user to notify ULC of any situation where an inspection label is damaged during the operation and handling of the equipment./ Le Demandeur/Utilisateur finale doit notifier ULC de toute situation dans laquelle une étiquette d'inspection est endommagée pendant l'opération et la manipulation de l'équipement.
6. This Report in an amendment /correction to or supersedes report reference no.N/A issued on N/A (enter N/A if it's an original report)./
Le présent rapport est un amendement/une correction ou remplace le rapport n° S.O.puibli le S.O.(renseigner S.O. s'il s'agit d'un rapport original).

Important Note: The FE Report is provided to the Applicant / Applicants representative and includes details of conformance and/or non-conformance to the applicable requirements and serves as evidence that they have been made aware of the results that were explained by the inspector. If no response is received in 5 business days from the report issue date, the report is deemed to be final acceptance by the Applicant and the Applicant's confirmation that they have read the terms of the GSA, Field Evaluation (Special Inspection) Services Terms and Conditions and those specifically stated above and fully understand the same./

Note importante : Le rapport FE est fourni au demandeur / représentant demandeur et comprend des détails de conformité et / ou de non-conformité aux exigences applicables et sert de preuve qu'ils ont été mis au courant des résultats qui ont été expliqués par l'inspecteur. Si aucune réponse n'est reçue dans les 5 jours ouvrables suivant la date d'émission du rapport, le rapport est considéré être l'acceptation finale du demandeur et la confirmation du demandeur qu'il a lu la convention générale de services, les conditions des services d'évaluation sur le terrain (inspection spéciale), ainsi que celles mentionnées ci-dessus, mais également les comprendre complètement.

Note/Remarque: FE Inspector to ensure the following// incombe à l'inspecteur responsable de l'évaluation sur le terrain de vérifier ce qui suit:

1. **The report is complete in all respects with no field missing/L'achèvement du rapport sous tous les aspects; absence de champ manquant;**
2. **Follow SOP: ULID-000686 (DCS:00-LO-S0829) for guidelines on Testing Related Records/Le respect des directives du document SOP: Standard Operation Procedures-ULID-000686 (DCS:00-LO-S0829) sur la consignation des essais;**
3. **All pages are numbered or the no. of pages stated/La numérotation de toutes les pages ou la mention du nombre de pages;**
4. **Attachments are clear and legible/La clarté et la lisibilité des pièces jointes;**
5. **The report is required to be reviewed by the FE Coordinator /Technical Lead and forwarded to the FE Administrator within 15 days in "pdf" file format and with file naming convention as in the procedure Standard Operation Procedures-ULID-002102 (DCS:05-FE-S0825)./Le rapport doit être révisé par le coordonnateur/chef du service technique de l'évaluation sur le terrain et transféré à l'administrateur FE dans un délai de 15 jours, en format de fichier « pdf », en respectant la convention d'appellation de la procédure Standard Operation Procedures-ULID-002102 (DCS:05-FE-S0825).**



UL GmbH UK Branch
Unit 1-4 Horizon
Kingsland Business Park
Wade Road
Basingstoke, RG24 8AH
Hampshire

Sercon Limited
Account No.: 4234041

Order Date: 2025/04/07
Order Number: 15773665
Project Number: 4791746014
Quote Number: 1102440975
Version: 1
PO Number: 25663

Sercon Limited
Europa House Coppicemere Drive
Crewe, CW1 6GZ
United Kingdom

Bill To:
Account No.: 4234041
Garry Armstrong
Sercon Limited
Europa House Coppicemere Drive
Crewe, CW1 6GZ
United Kingdom
garry.armstrong@sercongroup.com

Field Evaluation in Canada - 2x Laboratory Equipment - 2X Sercon PyroEarth Laboratory Furnace

Greetings,

On behalf of UL, it is my pleasure to submit to you this order for services.

Around the globe, UL works to help customers, purchasers and policymakers navigate market risk and complexity. UL builds trust in the safety, security and sustainability of products, organizations, and supply chains –enabling smarter choices and better lives.

With more than 14,000 employees dedicated to delivering testing, inspection, auditing, certification, marketing claim verification, training, advisory services, and software solutions in more than 143 countries, we are present everywhere you need us to be. In all we do, we apply science and expertise to enable the responsible design, production, marketing and purchase of the goods, solutions and innovations of today and tomorrow.

Thank you for this opportunity. We look forward to the opportunity to help your business.

Yours sincerely,

Sales Contact
Samantha Fowler
Phone: 44 1256 596749;
E-mail Samantha.Fowler@ul.com



Order Acknowledgement

UL GmbH UK Branch
Unit 1-4 Horizon
Kingsland Business Park
Wade Road
Basingstoke, RG24 8AH
Hampshire

Sercon Limited
Account No.: 4234041

Order Date: 2025/04/07
Order Number: 15773665
Project Number: 4791746014
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Account No.:4234041
Sercon Limited
Europa House Coppicemere Drive
Crewe, CW1 6GZ
United Kingdom

Bill To:
Account No.:4234041
Garry Armstrong
Sercon Limited
Europa House Coppicemere Drive
Crewe, CW1 6GZ
United Kingdom
garry.armstrong@sercongroup.com

Thank you for your acceptance of Quote Number: 1102440975, Version Number: 1. The Order Number: 15773665 has been established to cover the scope of your request. A member of our UL staff may contact you shortly to discuss any details of this project. Below is the brief summary of the requested services.

Field Evaluation in Canada - 2x Laboratory Equipment - 2X Sercon PyroEarth Laboratory Furnace

#	Product/Services Ordered (Summary table of requested product/services. Detailed service information is provided on the following pages.)	Quantity	Unit Price (GBP)	Net Price (GBP)
1	Product Safety -(FE) Field Evaluation Services	1	4,975.00	4,975.00
	Field Evaluation Services – Electrical			
	Subtotal			4,975.00
	VAT 20%			995.00
	Total			5,970.00

Order is based on the following:

Additional Information
Assumptions: Tentative Inspection Date: TBD (April 28-30, 2025) Inspection Location: Université du Québec à Rimouski, 310 Allée des Ursulines, Rimouski, Qc Canada G5L 3A1 The Global Service Terms are supplemented by the Service Terms as they apply to the scope of this contact. These terms can be accessed at FE Service Terms Canada. • Please provide your Purchase Order Number as acceptance of this estimate. • Additional charges may apply if: - o Equipment is not ready for testing. - o Additional inspection time is required due to equipment complexity, lack of information, or other circumstances beyond ULC's control. • All critical components must be cUL Listed, Recognized, or CSA approved.



Order Acknowledgement

UL GmbH UK Branch
Unit 1-4 Horizon
Kingsland Business Park
Wade Road
Basingstoke, RG24 8AH
Hampshire

Sercon Limited
Account No.: 4234041

Order Date: 2025/04/07
Order Number: 15773665
Project Number: 4791746014
PO Number: 25663

Additional Information
• Costs associated with travel, lodging, meals, etc. are included in the quote price. • Each visit will conclude with a comprehensive report. Compliant equipment will be eligible for a ULC Field Evaluation Label. • Unless detailed in the scope of work, this quote excludes: - o Costs or fees for outside contractors or test facilities. - o Charges for special equipment. • No legal action or litigation is pending regarding this product. • Work will be performed during normal working hours (8:00 AM - 6:00 PM, Monday through Friday, excluding holidays). Work outside these hours may incur additional costs. Each line item will be invoiced independently upon completion.

Standard Information
CSA SPE-1000:21 Fifth Edition, CSA C22.2 No.0.4:17 (R2022), CSA C22.2 No.0:20, CE Code Part 1 CSA C22.1 Ed.2021, CSA C22.2 No.61010-1-12 (R2022)

3.00

MODALITÉS DE PAIEMENT

Le SOUMISSIONNAIRE prend acte des modalités de paiement indiquées aux parties
3.00 des Documents d'Appel d'Offres et s'en déclare satisfait.

3.02 Biens

Le prix des Biens, à moins d'un accord différents entre les deux parties, est payable en totalité, après la livraison convenue, sur réception d'une facture conforme aux exigences du Contrat. Le délai de paiement est fixé à TRENTE (30) jours.

To SERCON LIMITED UNIT 3B CREWE TRADE PARK GATEWAY CREWE CW1 6JT		Document Title Booking Confirmation	Issuing Office Manchester			
		Bill of Lading No. 125-13151585	Your Reference P025006			
Shipper AS To		Master Reference	Our Reference 8SE2401965			
		Date 28-Aug-2024				
Consignee UNIVERSITE DU QUEBEC A RIMOUSKI (UQAR) ISMER 310 ALLEE DES URSULINES RIMOUSKI, QC G5L 3A1, CANADA		 Website : www.interspanfreight.com E-mail : info@interspanfreight.com Interspan Freight Solutions Ltd Unit J, Ashburton Point, Wheel Forge Way Manchester M17 1EH Phone : 01618480070				
Container No./Trl No. 125-13151585	Place of Receipt CREWE					
Vessel/Flight AIRFREIGHT	Port of Departure LONDON, HEATHROW					
Port of Discharge MONTREAL	Place of Delivery QC CANADA GL5 3A1					
Date of Shipment/Arrival 02/09/24-03/09/24	Terms DELIVERED AT PLAC					
Marks & Numbers		Container Number	Number & Kind of pkgs	Description of Goods	Gross Weight (Kgs)	Measurement (M3)
ADDRESSED:- UNIVERSITE DU QUEBEC, A RIMOUSKI (UQAR), ISMER 310 ALLEE DES URSULINES RIMOUSKI			7 X BOXES SAID TO CONTAIN	NON HAZARDOUS SCIENTIFIC EQUIPMENT NOT RESTRICTED	781.00	5.000
					Value	

Company Reg. No. 3881695 VAT Reg. No. GB 748 3946 84

1921



B O O K I N G C O N F I R M A T I O N

THANK YOU FOR YOUR LATEST BOOKING PLEASE FIND HERewith THE SHIPPING DETAILS

HI ALL
 AIR WAY BILL NO: 125 - 13151585
 WE WILL COLLECT FROM SERCON FRIDAY 30.08

BOOKED FLIGHT - BA0095 LONDON TO MONTREAL 02.09
 ETA MONTREAL 03.09 - ALLOW 5 DAYS MINIMUM FOR DELIVERY TO SITE PLEASE

Yours faithfully,
 Chris McGuinness

To SERCON LIMITED EUROPA HOUSE COPPICEMERE DRIVE CREWE CW1 6GZ		Document Title Booking Confirmation	Issuing Office Manchester			
		Bill of Lading No. 014-75957265	Your Reference P025584			
Shipper AS To		Master Reference	Our Reference 8SE2500551			
Consignee UNIVERSITE DU QUEBEC A RIMOUSKI (UQAR) ISMER 310 ALLEE DES URSULINES RIMOUSKI, QC G5L 3A1, CANADA		Date 07-Mar-2025				
Container No./Trl No. AIR FREIGHT	Place of Receipt CREWE	 Website : www.interspanfreight.com E-mail : info@interspanfreight.com Interspan Freight Solutions Ltd Unit J, Ashburton Point, Wheel Forge Way Manchester M17 1EH Phone : 01618480070				
Vessel/Flight AIRFREIGHT	Port of Departure LONDON, HEATHROW					
Port of Discharge MONTREAL	Place of Delivery CANADA G5L 3A1					
Date of Shipment/Arrival 16/03/25-17/03/25	Terms DELIVERED AT PLAC					
Marks & Numbers		Container Number	Number & Kind of pkgs	Description of Goods	Gross Weight (Kgs)	Measurement (M3)
ADDRESSED:- UNIVERSITE DU QUEBEC, A RIMOUSKI (UQAR), ISMER 310 ALLEE DES URSULINES RIMOUSKI			2 X BOXES STC	NON HAZARDOUS SCIENTIFIC EQUIPMENT IPR MOVEMENT	280.00	1.618
					Value	

Company Reg. No. 3881695 VAT Reg. No. GB 748 3946 84



B O O K I N G C O N F I R M A T I O N

THANK YOU FOR YOUR LATEST BOOKING PLEASE FIND HERewith THE SHIPPING DETAILS

HI JO
WE WILL COLLECT FROM YOU MONDAY

BOOKED ON DIRECT FLIGHT
AIR CANADA AC865 16.03 TO ARRIVE 17.03
ALLOW 5 DAYS TO CLEAR AND DELIVER TO CONSINGEE PLEASE

Yours faithfully,
Chris McGuinness

Proforma Invoice

Invoice to:

Université du Québec à Rimouski UQAR
Service finances et approvisionnements
300, allée des Ursulines
Rimouski
Québec, G5L 3A1
Canada

VAT Reg No: CA

Customer Order No: CA-059982

Invoice No. 17225a

Invoice/Tax Date 28/05/2024

Due Date 28/05/2024

Account No. UQAR001

Instrument No. IN1339

Quantity	Product Code	Product Description	Net Amount \$	VAT Rate %	VAT Amount \$
		Proposal Dual EA IRMS Systems			
		System 1 EA IRMS with Gas box			
1	20402/1	HS2022 + P-Mag			
1	10202/14	PyroEarth - Includes Large sample AutoSampler			
1	10202/10	XYZ Gas Sampling Control Box			
1	60101/5	verSA 5 (Single head XYZ autosampler)			
		System 2 EA IRMS general			
1	20402/4	HS2022 + Hd Collector + E-Mag + Trap Loop			
1	10202/14	PyroEarth			
1	WARR2	2 year warranty			
1	DAP	DELIVERED AT PLACE			
1	INST	Installation and start up training at Customer's site			
		CFI Contribution			
		CAD \$105903			
		Factory training for one week F.O.C.			

Total amount of order: CA\$423,612.00

25% due with order CA\$105,903.00

75% due 30 days after delivery, upon receipt of an invoice CA\$317,709.00

Delivery address:

Mathieu Babin
Université du Québec à Rimouski UQAR
Att: ISMER
310, allée des Ursulines,
Rimouski, QC, Canada, G5L 3A1
Customs Broker: COLE INTERNATIONAL, T:

This invoice is issued in: Canadian Dollar

Total Net Amount	\$	105,903.00
Total VAT Amount	\$	0.00
Invoice Total	\$	105,903.00

Payment Details:-

Payment is required within 30 DAYS of invoice date by bank transfer.
All bank transfer charges are the responsibility of the customer.

Sercon Bank Details:-

National Westminster Bank, 36 High Street,
Nantwich, Cheshire CW5 5GA U.K.

IBAN: GB94NWBK60730113806556
SWIFT/BIC: NWBKGB2LXXX

Invoice to:

Université du Québec à Rimouski UQAR
Service finances et aprovisionements
300, allée des Ursulines
Rimouski
Québec, G5L 3A1
Canada

VAT Reg No: CA

Customer Order No. CA-059982

Invoice

Invoice No. 17225 b

Invoice/Tax Date 30/08/2024

Due Date 30/08/2024

Account No. UQAR001

Instrument No. IN1339

Quantity	Product Code	Product Description	Net Amount \$	VAT Rate %	VAT Amount \$
		Proposal Dual EA IRMS Systems			
		System 1 EA IRMS with Gas box			
1	20402/1	HS2022 + P-Mag			
1	10202/14	PyroEarth - Includes Large sample AutoSampler			
1	10202/10	XYZ Gas Sampling Control Box			
1	60101/5	verSA 5 (Single head XYZ autosampler)			
		System 2 EA IRMS general			
1	20402/4	HS2022 + Hd Collector + E-Mag + Trap Loop			
1	10202/14	PyroEarth			
1	WARR2	2 year warranty			
1	DAP	DELIVERED AT PLACE			
1	INST	Installation and start up training at Customer's site			
		CFI Contribution			
		CAD \$105903			
		Factory training for one week F.O.C.			
		Total amount of order:	423,612.00		
		75% due 30 days after delivery, upon receipt of an invoice			0.00
					0.00

Delivery address:

Mathieu Babin /Alexis Lapierre
Université du Québec à Rimouski UQAR
Att: ISMER, 310, allée des Ursulines,
Rimouski, QC, Canada, G5L 3A1
Customs Broker: COLE INTERNATIONAL
T: 418-847-7551 M: 418-563-4553, Alexandra

This invoice is issued in: Canadian Dollar

Total Net Amount	\$	317,709.00
Total VAT Amount	\$	0.00
Invoice Total	\$	317,709.00

Payment Details:-

Payment is required within 30 DAYS of invoice date by bank transfer.
All bank transfer charges are the responsibility of the customer.

Sercon Bank Details:-

National Westminster Bank, 36 High Street,
Nantwich, Cheshire CW5 5GA U.K.

IBAN: GB94NWBK60730113806556
SWIFT/BIC: NWBKGB2LXXX