14502

Quotation

To: Universidad de Concepción **ON HOLD**
Facultad de Ciencias Forestales
Victoria 631, Barrio Universitario
Concepción, Chile

VAT Reg No: CL

Quotation Date:	21/07/2020
Quotation Reference:	14502
Customer Ref:	
Account Ref.	UNI057
Quotation Validity:	23/10/2020

Quantity	Product Code	Product Description	Unit Price $	Net Price $
		Standalone TOC System		
1	14002	Thermalox Environmental TOC-Standalone TOC analyser -Standalone Unit Includes analyser, autosampler, CO2 detector, carrier gas scrubber and furnace and dryer and TOC start up kit	24,500.00	24,500.00
1	SI2773	NOx detector Option Includes SI2774 Vac Pump	7,597.80	7,597.80
1	INST	Installation and start up training at Customer's site	1,000.00	1,000.00
1	WARR	1 year warranty		
1	CIP	Estimated CIP - Destination Airport	500.00	500.00
		Amended payment terms in light of discount 80% payment on order 20% payment on installation		
	DISCOUNT	Special discount for reference site		-1,679.89

This quotation is issued in		USD Dollar
Total Net Amount	$	31,917.91
Total VAT Amount	$	0.00
Order Total	$	31,917.91

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

Delivery: within 90 days of receipt of order

Payment Details:-
50% with order, 40% on delivery and 10% on 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.

IBAN: GB94NWBK60730113806556
SWIFT/BIC: NWBKGB2LXXX

Sercon Limited
Unit 3B Crewe Trade Park
Gateway, Crewe
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

Proforma Invoice

To: Universidad de Concepción
Victoria No 500
Concepción, Chile
Phone: 56-41 2203408 - 2204340

VAT No.

No:	14502
Date:	22/10/2020
Account Ref:	UNI057
Customer Ref:	20-0077

Quantity Ordered	Product Code	Product Description	Unit Price $	Net Price $
		Standalone TOC System		
1	14002	Thermalox Environmental TOC-Standalone TOC analyser -Standalone Unit Includes analyser, autosampler, CO2 detector, carrier gas scrubber and furnace and dryer and TOC start up kit	24,500.00	24,500.00
1	SI2773	NOx detector Option Includes SI2774 Vac Pump	7,597.80	7,597.80
1	INST	Installation and start up training at Customer's site	1,000.00	1,000.00
1	WARR	1 year warranty	0.00	0.00
1	CIP	Estimated CIP - Destination Airport	500.00	500.00
		Amended payment terms in light of discount 80% payment on order 20% payment on installation 80% DUE WITH ORDER - $25,534.33 20% DUE UPON INSTALLATION - $6,383.58		

Total Net Amount	$	31,917.91
Shipping Charges (approx)	$	0.00
Total VAT Amount	$	0.00
Order Total	$	31,917.91

Payment Details:-
Payment is required within 30 DAYS of invoice date by bank transfer.
All bank transfer charges are the responsibility of the customer.
For credit card payments phone: +44 (0)1270 580008

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

Phone: +44 (0) 1270 580008
Fax: +44 (0) 1270 252310
sales@sercongroup.com
www.sercongroup.com
VAT No.: GB 771 1100 74

1 Consignor

SERCON LIMITED
UNIT 3B CREWE TRADE PARK
GATEWAY
CREWE, CW1 6JT
UNITED KINGDOM

No. FJ 1303201

ORIGINAL

IN1246

2 Consignee

UNIVERSIDAD DE CONCEPCION
DIVISION DE ABASTECIMIENTO
VICTORIA 500
CONCEPION
PO. 20-0077
Chile

UNITED KINGDOM

CERTIFICATE OF ORIGIN

3 Country of Origin

United Kingdom

4 Transport details (Optional)

AIR

5 Remarks

6 Item number; marks; numbers, number and kind of packages; description of goods

UNIVERSIDAD DE CONCEPCION 1 BOX
NON HAZARDOUS SCIENTIFIC EQUIPMENT
AS PER INVOICE NUMBER: IN1246
DATED 31/03/2021

7 Quantity

Total Gross: 104 KG

8 THE UNDERSIGNED AUTHORITY CERTIFIES THAT THE GOODS DESCRIBED ABOVE ORIGINATE IN THE COUNTRY SHOWN IN BOX 3

GREATER MANCHESTER CHAMBER OF COMMERCE

Greater Manchester Chamber of Commerce

ELECTRONIC CERTIFYING STAMP
01 Apr 2021
Certificate Number: FJ1303201

Authorised by H M Government

Kathryn Hoggitt
AUTHORISED SIGNATORY

INTERNATIONAL CHAMBER OF COMMERCE
CERTIFICATE OF ORIGIN
Accredited Chamber | GB1302101
WORLD CHAMBERS FEDERATION

UK-CBE19463-3755481-E
www.ecert.sgs.com

Place and date of issue; name, signature and stamp of competent authority

DTI/XP 13026

Mercury Print & Packaging Ltd, Leeds

1 Consignor

SERCON LIMITED
UNIT 3B CREWE TRADE PARK
GATEWAY
CREWE, CW1 6JT
UNITED KINGDOM

No. FJ 1303201

COPY

IN1246

UNITED KINGDOM

CERTIFICATE OF ORIGIN

2 Consignee

UNIVERSIDAD DE CONCEPCION
DIVISION DE ABASTECIMIENTO
VICTORIA 500
CONCEPION
PO. 20-0077
Chile

3 Country of Origin

United Kingdom

4 Transport details (Optional)

AIR

5 Remarks

6 Item number; marks; numbers, number and kind of packages; description of goods

UNIVERSIDAD DE CONCEPCION 1 BOX
NON HAZARDOUS SCIENTIFIC EQUIPMENT
AS PER INVOICE NUMBER: IN1246
DATED 31/03/2021

7 Quantity

Total Gross: 104 KG

8 THE UNDERSIGNED AUTHORITY CERTIFIES THAT THE GOODS DESCRIBED ABOVE ORIGINATE IN THE COUNTRY SHOWN IN BOX 3

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Place and date of issue: name, signature and stamp of competent authority

UK-CBE19463-3755481-E
www.ecert.sgs.com

Mercury Print & Packaging Ltd, Leeds

MOVEMENT CERTIFICATE

EUR1 No. S 0519633

See notes overleaf before completing this form.

1. Exporter *Name, full address, country*

SERCON LIMITED
UNIT 3B CREWE TRADE PARK
GATEWAY CREWE CW1 6JT
UNITED KINGDOM

2. Certificate used in preferential trade between

The United Kingdom

and

CHILE

(Insert appropriate countries or groups of countries or territories)

3. Consignee *Name, full address, country (Optional)*

UNIVERSIDAD DE CONCEPCION
DIVISION DE ABASTECIMIENTO
VICTORIA NO 500
CONCEPCTION - CHILE
P.O. 20-0077

4. Country, group of countries or territory in which the products are considered as originating

UK

5. Country, group of countries or territory of destination

CHILE

6. Transport details *(Optional)*

AIR FREIGHT

7. Remarks

(1) If goods are not packed indicate number of articles or state 'in bulk', as appropriate

8. Item number: marks and numbers	Number and kind of packages (1): description of goods	9. Gross weight (kg) or other measure (litres, cu. m., etc)	10. Invoices *(Optional)*
UNIVERSIDAD DE CONCEPCION	1 BOX NON HAZARDOUS SCIENTIFIC EQUIPMENT AS PER INVOICE NO: IN1246	GROSS 104 KGS	

(2) Complete only where the regulations of the exporting country or territory require

11. **Customs endorsement**

Declaration certified
Export document (2):

Form..... Number.....

Customs office .....

Issuing country or territory:
United Kingdom

Date 1/4/2021

Signature .....

Stamp

HM Revenue & Customs
- 1 APR 2021
UNITED KINGDOM
CONTROL NO (063)
PREFERENCES

12. **Declaration by the exporter**

For & on behalf of
SERCON LTD

I, the undersigned, declare that the goods described above meet the conditions required for the issue of this certificate.

Place and date MANCHESTER 01 APRIL 2021

Signature .....

sercon
innovators in isotopes
Sercon Ltd, Unit 3B Crewe Trade Park, Gateway
Crewe, Cheshire CW1 6JT, UK
Tel: +44 (0)1270 580008 Fax: +44 (0)1270 252310
Company Registration No. 4290072 Vat No. 771 1100 74

7: ASSEMBLY AND TEST RECORD

Client:	Universidad de Concepción		
Quotation Number:	14502	Date:	21/07/2020
Job Number:	IN1246	Date:	19/10/2020

PRODUCT: s/o TOC SYSTEM

SERIAL NUMBER: 14002/2021/1246

ASSEMBLED: (Name) [signature] / P. Hayes Date: 5/3/21

PRE-TEST INSPECTION: (Production name) P. Hayes Date: 5/3/21

PRE-TEST INSPECTION: (Test name) Date:

SYSTEM TEST: (Name) Date:

PRE-DESPATCH INSPECTION: (Name) P. Hayes Date: 29/3/21

P.A.T. Test results

In compliance with Low Voltage directive 73/23/EEC
To Low Voltage standard EN61010 – 1:1993

Earth Continuity 0.070 Ω

Insulation 134 MΩ

Earth Leakage Current 1.45 mA. @ 0.071 kVA.

Tested by: P. Hayes

Date: 5/3/21.

Batch Picking List

Works Order Number	WO01222	Sales Order No.	Quantity	DueDate
BOM Reference	14002			
BOM Description	Thermalox Environmental TOC-Standalone			
Qty Required	1.000			
Qty Outstanding	1.000			
Manuf.Instructions				
Works Order Notes				

Drawings

Reference/Description	Valid From	ValidTo	Revision Number	Date

Required By

Works Order No.	BOM Reference	Quantity

Seq	Product Code	Qty Required	Qty Allocated	Qty Issued	To Issue	Bin Location/UOM
930.0(	72101-1 TOC Start Up Kit	1.000	0.000	0.000	1.000	Each
500.0(	SI2583 DC Axial Fan 24v, 80 x 80 x 25mm, 52.7m³/h	1.000	0.000	1.000	1.000	Each
850.0(	SI2760 Ovens c/w Duplex Thermocouple	2.000	0.000	2.000	2.000	Each
860.0(	SI2764 Peltier Cooler Assy. Standard	1.000	0.000	1.000	1.000	Each
870.0(	SI2769 Sampler accessories TOC	1.000	0.000	1.000	1.000	Each
880.0(	SI2770 Autosampler c/w syringe pump	1.000	0.000	1.000	1.000	Each
890.0(	SI2771 CO2 Detector, Standard sensitivity	1.000	0.000	1.000	1.000	Each
10.00	SI2798 Quartz Tube	2.000	0.000	0.000	2.000	Each
20.00	SI2801 Septum Holder	2.000	0.000	0.000	2.000	Each
30.00	SI2802 Septum Nut	2.000	0.000	0.000	2.000	Each
40.00	SI2803 "O" Ring, White Silicon, size 7/16 x 5/8	2.000	0.000	2.000	2.000	Each
50.00	SI2804 "O" Ring, White Silicon, size 3/4 x 9/16	2.000	0.000	2.000	2.000	Each
60.00	SI2805 "O" Ring, White Silicon, size 7/8 x 11/16	2.000	0.000	2.000	2.000	Each
70.00	SI2806 1/8" to 5/16-24 Stud Coupling O seal	2.000	0.000	0.000	2.000	Each

120.0(	SI2808 AKZ 1.5 Terminals	65.000	0.000	65.000	65.000	Each
130.0(	SI2809 AP End Section	8.000	0.000	8.000	8.000	Each
140.0(	SI2810 EW End-bracket	6.000	0.000	6.000	6.000	Each
150.0(	SI2811 Jumper Bar - 10 way for AKZ terminal pack of 5	5.000	0.000	5.000	5.000	Each
160.0(	SI2812 Miniature DIN Rail; 2m, 15x5mm, symetric, pack 5	0.100	0.000	0.100	0.100	Each
170.0(	SI2813 Diode	1.000	0.000	1.000	1.000	Each
180.0(	SI2814 9-Pin Female Dsub Connector, Metal Body. Solder bucket	1.000	0.000	1.000	1.000	Each
190.0(	SI2815 9-Pin Male Dsub Connector, Metal Body. Solder bucket	1.000	0.000	1.000	1.000	Each
200.0(	SI2816 25-Pin Female Dsub Connector, Metal Body. Solder bucket	1.000	0.000	1.000	1.000	Each
210.0(	SI2817 Sub-miniature 710 series, 3 way Panel plug	1.000	0.000	1.000	1.000	Each
220.0(	SI2818 Sub-miniature 710 series, 3 way Panel skt	1.000	0.000	1.000	1.000	Each
230.0(	SI2819 Screw Lock Assy's (Including nuts & washers) pack 2	3.000	0.000	0.000	3.000	Each
240.0(	SI2820 Mini circular '680' conn: 5-way Panel Skt 09 0316 00 05	2.000	0.000	2.000	2.000	Each
250.0(	SI2821 MUSBD111M0 USB, 2.0 TYPE B, RCPT, TH	1.000	0.000	0.000	1.000	Each
260.0(	SI2835 P-506 Flanged Fitting Blue, Square 1/4-28	8.000	0.000	8.000	8.000	Each
270.0(	SI2836 Requires Tube End Fittings, Blue, Square 1/4-28	8.000	0.000	8.000	8.000	Each
280.0(	SI2837 Requires Tube End Fittings, 2-Way White (Tefzel), 1/4-28	2.000	0.000	2.000	2.000	Each
290.0(	SI2838 Flangeless Ferrule ETFE, 1.8-2.0mm, green (pack 10)	0.200	0.000	0.200	0.200	Each
300.0(	SI2839 Upchurch Flangeless Ferrule ETFE, 1/8", yellow (pack 10)	0.200	0.000	0.200	0.200	Each
310.0(	SI2840 Flangeless Nut, ETFE, short 1/8"x14-28	6.000	0.000	6.000	6.000	Each
320.0(	SI2841 FEP Tube 1.6 mm ID x 3.175 mm OD per metre	2.000	0.000	2.000	2.000	Each

330.0(	SI2842 FEP Tube 1.0 mm ID x2.0 mm OD per metre	10.000	0.000	10.000	10.000	Each
340.0(	SI2843 Female Connector, 1/8 in. Tube OD x 1/8 in. Female ISO Tape	1.000	0.000	0.000	1.000	Each
350.0(	SI2844 Pressure Gauge 50mm panel, 0-4.0 Barg, SS, 1/8 NPT, Rear I	1.000	0.000	0.000	1.000	Each
360.0(	SI2845 Dwyer Flowmeter, 0-300 ml/min	1.000	0.000	1.000	1.000	Each
370.0(	SI2846 1/8th Bulkhead Union, stainless steel	2.000	0.000	2.000	2.000	Each
380.0(	SI2847 1/8" TEE, stainless steel	1.000	0.000	1.000	1.000	Each
390.0(	SI2848 Male Connector, 1/8 in. Tube OD x 1/8 in. Male NPT	4.000	0.000	4.000	4.000	Each
400.0(	SI2849 1/16" to 1/8" tube reducer, stainless steel	2.000	0.000	2.000	2.000	Each
410.0(	SI2850 Parker Balston Filter	0.100	0.000	0.100	0.100	Each
420.0(	SI2851 SS Poppet Check Valve, Fixed Pressure, 1/8th 1/3rd psi degre	1.000	0.000	1.000	1.000	Each
430.0(	SI2853 Pressure Regulator, 0-2Bar, Panel Mtg, 1/8" NPT ports, non-r	1.000	0.000	1.000	1.000	Each
510.0(	SI2855 MircoFlo, VUS, +12V, A-PCB, ($694)	1.000	0.000	1.000	1.000	Each
80.00	SI2859 Stainless Steel Swagelok Tube Fitting, Male O-	2.000	0.000	2.000	2.000	Each
790.0(	SI2861 USB Cable, Type A Plug to Type B Plug, 1.8 m, 5.9 ft, USB	1.000	0.000	1.000	1.000	Each
800.0(	SI2862 Mains Power Cord, With Fuse, Mains Plug, UK to IEC 60320 C	1.000	0.000	0.000	1.000	Each
520.0(	SI2863 PID controller with universal Inputs for temperature	2.000	0.000	2.000	2.000	Each
530.0(	SI2865 Power Cord, Compact Fans with 0.5mm pins, 230 VAC, Straig	1.000	0.000	1.000	1.000	Each
540.0(	SI2866 WEIDMULLER KS 6 O.D6 6-WAY TERMINAL BLOCK	1.000	0.000	1.000	1.000	Each
550.0(	SI2867 WEIDMULLER D6 KS6 TP TERMINAL STRIP	1.000	0.000	1.000	1.000	Each
560.0(	SI2868 Burkert Solenoid Valve 137779, 3 port , Common, 24 V dc, 1/8	5.000	0.000	5.000	5.000	Each
570.0(	SI2869 LabJack U12-PH - OEM LabJack U12	1.000	0.000	1.000	1.000	Each

90.00	SI2870 Injection Port, Monel 400	2.000	0.000	2.000	2.000	Each
580.0(	SI2871 Southco C3-805-RS Ball Catch	1.000	0.000	0.000	1.000	Each
590.0(	SI2872 Pinet Zinc Plated Steel Concealed Hinge, 44mm x 32mm x 2m	2.000	0.000	2.000	2.000	Each
600.0(	SI2873 Axial Fan, 3610KL Series, 24 V, DC, 92 mm	1.000	0.000	1.000	1.000	Each
610.0(	SI2874 Axial Fan, IP20, 230 V, AC, 119 mm, 25 mm	1.000	0.000	0.000	1.000	Each
620.0(	SI2875 Bumper / Feet, Levelling, Free Standing, M8, Pack 4,	1.000	0.000	1.000	1.000	Each
630.0(	SI2876 Enclosed Power Supply (PSU), ITE, 1 Outputs, 70 W, 12 V, 6	1.000	0.000	1.000	1.000	Each
640.0(	SI2877 Fan Finger Guard, Grille Axial Fans, 120 mm	1.000	0.000	1.000	1.000	Each
650.0(	SI2880 Fan Guard, 92mm	1.000	0.000	1.000	1.000	Each
660.0(	SI2881 LED Green, 8mm	1.000	0.000	1.000	1.000	Each
670.0(	SI2882 Resistor, 390 ohm, MF25 Series, 250 mW	1.000	0.000	0.000	1.000	Each
680.0(	SI2883 Thermal Circuit Breaker, 1410 Series, 5 A, 1 Pole, 48 VDC	2.000	0.000	0.000	2.000	Each
690.0(	SI2884 D Sub Connector, DB9, Standard, Plug	1.000	0.000	0.000	1.000	Each
700.0(	SI2885 D Sub Backshell, MHDCMR Series	1.000	0.000	0.000	1.000	Each
710.0(	SI2886 D Sub Connector, Standard, Plug, 25 WAY	1.000	0.000	0.000	1.000	Each
720.0(	SI2887 D Sub Backshell, MHDCMR Series,	1.000	0.000	0.000	1.000	Each
100.0(	SI2888 Seal Cap SS303	2.000	0.000	2.000	2.000	Each
730.0(	SI2889 SSRL240DC25	2.000	0.000	2.000	2.000	Each
110.0(	SI2892 TC Outlet Fittings	2.000	0.000	2.000	2.000	Each
740.0(	SI2893 GL25 x 100 x 1.8 Screwthread Tubes pk10	2.000	0.000	1.000	2.000	Each
750.0(	SI2894 GL25 Screwcaps with 15mm apertures	2.000	0.000	2.000	2.000	Each

760.0(	SI2895 GL25 End Fittings	1.000	0.000	1.000	1.000	Each
810.0(	SI2896 Bottles, GL45, 500ml, Pack of 10 + GL45 Cap	0.200	0.000	0.200	0.200	Each
820.0(	SI2897 Bottles, GL45, 100ml,+ GL45 Cap	0.100	0.000	0.100	0.100	Each
830.0(	SI2898 500ml Square Glass Reagent Bottle + GL45 Cap	1.000	0.000	1.000	1.000	Each
840.0(	SI2899 Bottle caps, GL45, blue PK10	2.000	0.000	2.000	2.000	Each
440.0(	SI2900 TOC Metalwork	1.000	0.000	0.000	1.000	Each
450.0(	SI2901 3mm x 18mm Slotted Spring Pins (ISO 8752) - A1 Stainless St	12.000	0.000	0.000	12.000	Each
460.0(	SI2902 Dzus® Lion Quarter-Turn Receptacle pk10	0.100	0.000	0.000	0.100	Each
470.0(	SI2903 Dzus® Lion Quarter-Turn Stud, Phillips, Flush pk10	0.100	0.000	0.000	0.100	Each
480.0(	SI2904 Dzus® Lion Quarter-Turn Accessory pk10	0.100	0.000	0.000	0.100	Each
490.0(	SI2905 Dzus® Lion Quarter-Turn Retainer	1.000	0.000	0.000	1.000	Each
920.0(	SI2906 OptiPlex 3080 Micro BTX	1.000	0.000	0.000	1.000	Each
900.0(	SI2907 DELL 22 MONITOR E2220H	1.000	0.000	0.000	1.000	Each
910.0(	SI2908 7 PORT USB 3.0 HUB	1.000	0.000	0.000	1.000	Each
770.0(	SI2909 Pluggable Terminal Block, 3.5 mm, 2 Ways	10.000	0.000	10.000	10.000	Each
780.0(	SI2910 2 Way, Ceramic Non-Fused Terminal Block	3.000	0.000	3.000	3.000	Each
790.0(	SI2911 Female Branch Tee 1/8 x 1/8 x 1/8 NPT	1.000	0.000	1.000	1.000	Each
940.0(	SI2919 Oring for the Swagelok fitting	2.000	0.000	2.000	2.000	Each
950.0(	SI2920 Oring for the Mass flow controllers	2.000	0.000	2.000	2.000	Each
960.0(	SI2921 Oring for scrubber	2.000	0.000	0.000	2.000	Each

sercon
innovators in isotopes

Sercon Ltd, Unit 3B Crewe Trade Park, Gateway
Crewe, Cheshire CW1 6JT, UK
Tel: +44 (0)1270 580008 Fax: +44 (0)1270 252310
Company Registration No. 4290072 Vat No. 771 1100 74

8 - Serial Numbers Record Document

Client:	Universidad de Concepción		
Quotation Number:	14502	Date:	21/07/2020
Job Number:	IN1246	Date:	19/10/2020

Units	S/N
~~MS/ABCA~~ TOC	14002-2021-12346
Integra 2	
Prep Unit 1	
Prep Unit 2/Misc	
Electronics Upgrade	
CETAC	
Gas Box	
Autosampler	
BCR	
Dual Heater Block	

Pump Kit and Optics	S/N
Turbo pump S	
Turbo pump A	
Rotary Pump	
Voltage	110 / 240
Gauge S	
Gauge A	
Source	
Collector 1	
Collector 2	
Magnet	

Parts	S/N
Fan PSU	
24V PSU	

PCBs	S/N
Electronics Box	
Prep PCB	
VFC PCB	
Watchdog PCB	
Head Amp PCB 1	
Head Amp PCB 2	
Electromagnet RP	

Furnaces	S/N
Combustion	
Reduction	
HT-EA	
GC Oven	
Furnace 1	
Furnace 2	

PC	S/N
PC	~~7K~~ 7K9LF73
Monitor	CN-0DKV9T-FCC00-0AO-A91U
Printer	

Key

Pumps:	E: Edwards P: Pfeiffer
Furnaces:	V/S: Vecstar E; Elite
Magnet:	E: Electromagnet S: Standard
Turbos & Gauges:	S: Source A: Analyser
Collectors:	Std: Standard S: Sulphur HD: Hydrogen Deuterium

Additional System Info:

Vacuum pump: 104996013
CO_2 detector: 9275.
NO_x detector: 5002-14305

sercon
innovators in isotopes

Packing List

Customer Reference: 20-0077

Shipper / Exporter:

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

Consignee:

UNIVERSIDAD DE CONCEPCION
PROYECTO ENELBOC2020
VICTORIA Nº 500
CONCEPCION – CHILE
P.O. 20-0077

Tel: +44 (0)1270 580008

Reference: IN1246

Contact Name: Guillermo S. Melo Cea

Contact Tel Number: 9 9639 2705

BOX: 1

Quantity	Product Code	Product Description	Serial Number: *if available*
☑ 1	14002	STANDALONE TOC SYSTEM WITH AUTOSAMPLER	14002/2012/1246
☑ 1	SI2773	NOX DETECTOR (PSU AND COMM CABLE)	5002/4305
☑ 1	SI2774	VAC PUMP (MAINS CABLE)	104996013
☑ 1		CO2 DETECTOR (POWER CABLE & COM CABLE)	9275
☑ 1		GLASS WARE X 3	
☑ 1		PC	7K9LF73
☑ 1		PC BRACKET	
☑ 1		MONITOR	CN-0DKV9T-FCC00-0A0-A9IU
☑ 1		MULTI WAY USB (PACKED WITH PC)	
☑ 1		WINDOWS RECOVERY FLASH DRIVE (WITH PC)	
☑ 1		SOFTWARE BACK UP (WITH PC)	
☑ 1		NEEDLE (TAPED ON PC BRACKET)	
☑ 1		AUTOSAMPLER CABLES (POWER AND 2 X USB)	
☑ 1		TOC CABLES (MAINS AND USB)	
☑ 1	72101-1	TOC START UP KIT	

Packed by: P. Hayes

Date: 29/3/21

Claims for damage or shortages must be made within 3 days

Packing List

Customer Reference: 20-0077

Shipper / Exporter:

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

Tel: +44 (0)1270 580008

Reference: IN1246

Consignee:

UNIVERSIDAD DE CONCEPCION
PROYECTO ENELBOC2020
VICTORIA Nº 500
CONCEPCION – CHILE
P.O. 20-0077

Contact Name: Guillermo S. Melo Cea

Contact Tel Number: 9 9639 2705

BOX: Dimensions and weights

	L		W		H			
Box 1	99	x	84	x	107	cm	gw 104	kg
Box 2		x		x		cm	gw	kg
Box 3		x		x		cm	gw	kg

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

Phone: +44 (0) 1270 580008
Fax: +44 (0) 1270 252310
sales@sercongroup.com
www.sercongroup.com
VAT No.: 771 1100 74

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SERVICE REPORT

Job Number:	IN1246 Quote: ——— Sage: ———		
Customer:	Universidad de Concepcion		
Contact:	Alejandro Atenas, Maria Fernanda Albornoz		
Instrument:	TOC		
Date of Visit:	28th February til 4th March 2022 Days: 5		
Engineer:	Lee Martin		
Reason for Visit:			
TOC repair after issues with customer install			
Service Contract?	**Yes** / ~~No~~	Expires:	———
Warranty?	~~Yes~~ / No	Expires:	———
Tick as Applicable:	Call Out / Routine Service / Warranty / **Emergency** / Contract Visit		

Details of Visit:

Issues with TOC autosampler upon customer start up. Chris Perry suspected motor burn out so autosampler arm taken for complete swap out.

28th February 2022

Unit inspected upon arrival. X belt apparently in correct position but Y motor seized. Ribbon cable appears damaged. Entire arm swapped out with existing Z fitted. Autosampler is not secured to the main unit with the M6 bolts not attached or in kits. Replacements sourced with customer form local hardware store. Unit left powered down.

01st March 2022

Remote support commenced from Chris Perry. No movement in Z direction or communication established with encoder. Connections checked with nothing obvious besides the damaged ribbon cable. This does not have continuity on tracks 3 and 4, which are those concerned with Z movement. Tracks soldered to form a bridge and cable insulated before refitting. Encoder comms established but no 24V power being applied.

2nd March 2022

Continuity on track 4 checked again and copper in fact needs soldering again. Cable refitted and 24V power established to Z motor. Earth Screen also remade.

4th March 2022

Autosampler aligned in all 4 ports. Syringe pump connections leak checked and remade when needed. Oxygen leak check pass after some troubleshooting. No time left to run standards but TOC hardware can be considered verified for whatever further recommended action takes place.

Recommendations:

Be careful not to allow soil build up on the unit as a layer had already accumulated, presumably having been blown in from the open window.

Follow Up:

Sercon Ltd
Unit 3B Crewe Trade Park
Gateway, Crewe, Cheshire
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SERVICE REPORT

The TOC has been repaired and verified but a decision needs to be made regarding further action which minimises risk of damage to the unit but also allows for samples to be run as soon as possible. Garry Armstrong will confirm a plan and get in contact.

Parts Used:	*Stock Number:*	*Quantity:*	*Charge:*
		Total:	

Engineer: Lee Martin Date: 4th April 2022

Signed:

Customer: Maria Fernanda Albornoz, Ph.D. Date: 4th. April 2022

Signed:

↑
warranty date
untill
30 April 2023

Sercon Ltd
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Gateway, Crewe, Cheshire
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SERVICE REPORT

NOTES:

No samples have ever been run in this equipment. Equipment was left on standby after visit by SERCON's engineer. Need approval from SERCON to start using for TOC and TN analysis.

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

COMMERCIAL INVOICE IN1246

Date: 31/03/2021

Customer Reference: 20-0077

Shipper / Exporter:

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

Contact: Joanne O'Connor
Tel: +44 (0) 1270 580008
Invoice Reference: 14502 IN1246

Country of Export: UK
Country of Manufacture: UK
Country of Destination: CL Chile

Delivery Address:

Universidad de Concepción
División de Abastecimiento
Victoria 500, Concepción
Chile
P.O. 20-0077

Contact Name: Guillermo Melo
Cust Tel Number: 9 9639 2705

Shipping Marks /

1 Box @ 99x84x107cms GW: 104kg

UK Commodity Code: 90273000

Quantity	Product Code	Product Description	Amount $
		Standalone TOC System	
1	14002	Thermalox Environmental TOC-Standalone	24,500.00
1	SI2773	NOx detector Option	7,597.80
1	INST	Installation and start up training at Customer's site	1,000.00
1	WARR	1 year warranty	0.00
1	CIP	Estimated CIP - Destination Airport	500.00

Amended payment terms in light of discount
80% payment on order 20% payment on installation

80% DUE WITH ORDER - $25,534.33
20% DUE UPON INSTALLATION - $6,383.58

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

Total Invoice Value: $ 31,917.91

Signed J O'Connor

Sercon Limited
Unit 3B Crewe Trade Park
Gateway, Crewe
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

14502
IN1246

Order Acknowledgement

Order Date	22/10/2020
Order Ref.	14502
Cust. Ref.	20-0077
Account Ref.	UNI057

Invoice address

Universidad de Concepción
Victoria No 500
Concepción, Chile
Phone: 56-41 2203408 - 2204340

VAT No.

Delivery address

Universidad de Concepción
Proyecto Enelboc2020
Victoria No 500
Concepcion - Chile
P.O. 20-0077

Contact: Guillermo S. Melo Cea
Tel: +56 41 2203408

Quantity Ordered	Product Code	Product Description	Unit Price $	Net Price $
		Standalone TOC System		
1	14002	Thermalox Environmental TOC-Standalone TOC analyser -Standalone Unit Includes analyser, autosampler, CO2 detector, carrier gas scrubber and furnace and dryer and TOC start up kit	24,500.00	24,500.00
1	SI2773	NOx detector Option Includes SI2774 Vac Pump	7,597.80	7,597.80
1	INST	Installation and start up training at Customer's site	1,000.00	1,000.00
1	WARR	1 year warranty	0.00	0.00
1	CIP	Estimated CIP - Destination Airport	500.00	500.00
		Amended payment terms in light of discount		
		80% payment on order 20% payment on installation		
		80% DUE WITH ORDER - £25,534.33		
		20% DUE UPON INSTALLATION - £6,383.58		
	DISCOUNT	Special discount for reference site		-1,679.89

Total Net Amount	$	31,917.91
Total VAT Amount	$	0.00
Order Total	$	31,917.91

Sercon Limited
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Packing List

Customer Reference: 20-0077

Shipper / Exporter:

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

Tel: +44 (0)1270 580008

Reference: IN1246

Consignee:

UNIVERSIDAD DE CONCEPCION
PROYECTO ENELBOC2020
VICTORIA Nº 500
CONCEPCION – CHILE
P.O. 20-0077

Contact Name: Guillermo S. Melo Cea

Contact Tel Number: 9 9639 2705

BOX: 1

Quantity	Product Code	Product Description	Serial Number: *if available*
☑ 1	14002	STANDALONE TOC SYSTEM WITH AUTOSAMPLER	14002/2012/1246
☑ 1	SI2773	NOX DETECTOR (PSU AND COMM CABLE)	5002/4305
☑ 1	SI2774	VAC PUMP (MAINS CABLE)	104996013
☑ 1		CO2 DETECTOR (POWER CABLE & COM CABLE)	9275
☑ 1		GLASS WARE X 3	
☑ 1		PC	7K9LF73
☑ 1		PC BRACKET	
☑ 1		MONITOR	CN-0DKV9T-FCC00-0A0-A9IU
☑ 1		MULTI WAY USB (PACKED WITH PC)	
☑ 1		WINDOWS RECOVERY FLASH DRIVE (WITH PC)	
☑ 1		SOFTWARE BACK UP (WITH PC)	
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☑ 1		TOC CABLES (MAINS AND USB)	
☑ 1	72101-1	TOC START UP KIT	

Packed by: P. Hayes

Date: 29/3/21.

Claims for damage or shortages must be made within 3 days

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UNIVERSIDAD DE CONCEPCION

PURCHASING DEPARTMENT

Victoria N° 500 – Phone 56-41-2203408 - 2204340
Concepción, Chile

EMAIL: sales@sercongroup.com

CONCEPCION, OCTOBER 19, 2020

MESSRS.

SERCON LIMITED
UNIT 3B CREWE TRADE PARK
GATEWAY, CREWE
CW1 6JT
UNITED KINGDOM

PURCHASE ORDER

SHIPPING MARKS	N°
UNIVERSIDAD DE CONCEPCION **PROYECTO ENELBOC2020** **VICTORIA N° 500** **CONCEPCION – CHILE** **P.O. 20-0077** PACK SECURELY FOR EXPORT SHIPMENT	**20-0077** **VICERRECTORIA DE INVESTIGACION Y DESARROLLO** PLEASE QUOTE THE ABOVE NUMBER IN ALL CORRESPONDANCE, INVOICES AND OTHER DOCUMENTS

Refering to your proforma/Quotation dated **JULY 21, 2020 – N° 14502 ENCLOSED** please enter our order for the following material

		USD
	STANDALONE TOC SYSTEM	
	1 14002 THERMALOX ENVIRONMENTAL TOC-STANDALONE TOC ANALYSER-STANDALONE UNIT	
	AND OTHERS AS PER QUOTATION MENTIONED ABOVE.	
	Total merchandise	
	Handling charges	
	Total Fob	
AIR	Freight	
	Insurance	
	Total **CIP**	**31.917,91**

- Payment Terms : **IN ACCORDANCE WITH THE PROCEDURES.**
- Forwarder :
- Insurance : **COVERED BY YOU AGAINST ALL RISK.**
- Invoicing : **TO OUR NAME, DETAILING ALL EXPENSES.**
  THE CHARGES MUST COINCIDE WITH THOSE APPEARING ON THE RELATIVE DOCUMENTS.
- Observations : **PLEASE SEND SHIPPING DOCUMENTS DIRECTLY TO US. ENCLOSE COPY OF YOUR COMMERCIAL INVOICE TO THE AIRWAY BILL.**
  AIRPORT OF DESTINATION: CONCEPCION, CHILE.

ANA FRESARD
HEAD
PURCHASING DEPARTMENT

cc.Op.
GMC.

729 MAN 65271404 HB: 355328

Shipper's Name and Address
SERCON LIMITED
UNITED 3B CREWE TRADE PARK
GATEWAY
CREWE
CW1 6JT UNITED KINGDOM

Shipper's account Number
..

Not negotiable
Air Waybill
issued by
CARGO OVERSEAS LIMITED
FLOATS ROAD
WYTHENSHAWE
MANCHESTER

Copies 1,2 and 3 of this Air Waybill are originals and have the same validity

Consignee's Name and Address
UNIVERSIDAD DE CONCEPCION
Division de Abastecimiento
Victoria 500,
CONCEPCION
20-0077 CHILE

Consignee's account Number

It is agreed that the goods described herein are accepted in apparent good order and condition (except as noted) for carriage SUBJECT TO THE CONDITIONS OF CONTRACT ON THE REVERSE HEREOF. ALL GOODS MAY BE CARRIED BY ANY OTHER MEANS INCLUDING ROAD OR ANY OTHER CARRIER UNLESS SPECIFIC CONTRARY INSTRUCTIONS ARE GIVEN HEREON BY THE SHIPPER, AND SHIPPER AGREES THAT THE SHIPMENT MAY BE CARRIED VIA INTERMEDIATE STOPPING PLACES WHICH THE CARRIER DEEMS APPROPRIATE. THE SHIPPER'S ATTENTION IS DRAWN TO THE NOTICE CONCERNING CARRIER'S LIMITATION OF LIABILITY. Shipper may increase such limitation of liability by declaring a higher value for carriage and paying a supplemental charge if required.

Issuing Carrier's Agent Name and City
CARGO OVERSEAS LIMITED
FLOATS ROAD
MANCHESTER M23 9NJ

Accounting Information
SHP REF: ..
AGT REF: MCRAEJ355328

Agent's IATA Code
91-4 7295/0004

Account No.

Airport of Departure (Addr. of first Carrier) and requested Routing
MANCHESTER AIRPORT

Reference Number

Optional Shipping Information

To	By first carrier	To	By	To	By	Currency	CHGS Code	WT/VAL PPD	WT/VAL COLL	Other PPD	Other COLL	Declared Value for Carriage	Declared Value for Customs
AMS	AVIANCA	BOG	AV	SCL	AV	GBP		X		X		N.V.D.	N.C.V.

Routing and Destination

Airport of Destination
SANTIAGO

Flight/Date (For Carrier Use only)
AV8031/12

Flight/Date
AV4005/14

Amount of Insurance
XXX

INSURANCE – If carrier offers insurance and such insurance is requested in accordance with conditions thereof, indicate amount to be insured in figures in box marked 'amount of insurance'.

Handling Informaton
cnee ctc: guillermo s. melo cea tel:+56412203408. KNOWN CARGO

SCI
CT = 'T1'

No. of Pieces RCP	Gross Weight	Kg Lb	Rate Class. / Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (inc. Dimensions or Volume)
1	104.0	K	Q	148.0	AGREED	AS AGREED	NON HAZ SCIENTIFIC EQUIPMENT DIMENSIONS :- 1 @ 99 X 84 X 107 CM
1	104.0					AS AGREED	

Prepaid AS AGREED | **Weight Charge** | **Collect**

Valuation Charge

Tax

Total other Charges Due Agent

Total other Charges Due Carrier

Shipper certifies that the particulars on the face hereof are correct and that insofar as any part of the consignment contains dangerous goods,such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Good Regulations.

CARGO OVERSEAS LIMITED AS AGENTS FOR THE CARRIER AVIANCA

Signaturte of Shipper or his Agent

Total Prepaid AS AGREED | **Total Collect**

Currency Conversion Rates | **cc Charges in Dest. Currency**

11/APR/2021 MANCHESTER M23 9NJ LEWIS THOMPSON

Executed on (Date) at (Place) Signature of issuing Carrier or its Agent

For Carrier's use only at Destination | **Charges at Destination** | **Total Collect Charges**

ORIGINAL 1 (FOR ISSUING CARRIER)

EXPRESS WORLDWIDE **DOX**

MYDHL+ 1.0 / *30-0821*

From : RHENUS LOGISTICS LTD
NEIL RILEY
Liverpool Road
ECCLES
MANCHESTER
M30 7RF ECCLES
United Kingdom

Origin:
MAN

Contact: +441618864293

To : UNIVERSIDAD DE CONCEPCION
GUILLERMO MELO
DIVISION DE ABASTECIMIENTO
VICTORIA 500
P.O. 20-0077
CONCEPCION CONCEPCION
Chile

Contact:
GUILLERMO MELO
+56996392705

A013 **CL-CCP-CCP**

[redacted]

Day Time

Ref: SERCON CHILE

Pce/Shpt Weight Piece
0.5 kg **1 / 1**

Contents: AUDIO EQUIPMENT

WAYBILL 23 8645 6026

(2L)CL:CCPCCP+42000000

(J) JD01 4600 0086 2595 8333