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Company Registration No. 4290072 Vat No. 771 1100 74

3 - MACHINE SPECIFICATION

Client:	Ben Gurion University of the Negev		
Quotation Number:	12754	Date:	27/04/2020
Job Number:	IN1232	Date:	13/05/2020

Ref No.	Product Description	Required
HS2022 (continuous flow)		
20402/1	HS2022 Ref Gas + P Mag	
20402/2	HS2022 Ref Gas + E-Mag	
20402/3	HS2022 Ref Gas + Hd Collector + E-Mag	
20402/4	HS2022 Ref Gas + Hd Collector+E-Mag+Trap Loop	
20501	Hd Collector Assy ***	
50101/2	Trapping Loop Assy	
70201-1	*70201-1 Analyser spares kit – Included*	
EA Units		
10202/11	iso-EArth	
10202/13	iso-EArth+	
10202/6	GSL Large Hole Autosampler Option	
11802/1	EArth	
11802/2	EArth+Clarity+PC	
70501-1	*Consumables for C and N for Combustion Only*	*Y*
70501-11	*Simultaneous CNS Consumables Kit (approx. 10000 analysis)*	
70501-3	*Sample Prep Kit (Inc.)*	*Y*
70501-4	*GSL Combustion and Gas C & N Start Up Kit*	
70501-5	*Simultaneous NCS Consumables Kit*	
70501-6	*C&N Combustion Only Consumables Kit (approx. 5000 samples)*	
70501-8	*Simultaneous CNS Consumables Kit (approx. 5000 samples)*	
70601-1	*Sulphur Start Up Kit (Inc. with Sercon EA Systems)*	
70601-2	*Sulphur Consumables Kit for 1000 Samples*	
70601-4	*Sulphur Consumables Kit (approx. 5000 Samples)*	*Y*
70801-2	*Pyrolysis Consumables Kit-Low temp for Solids*	
71701-1	*Sub Microgram Nitrogen Analysis Start Up Kit*	
SI1275	*Sercon standard SL Autosampler*	
SI1551	*Double Sample Dispenser*	
SI1744	*Sealed Autosampler*	
SI2040	*PN150 Pneumatic Autosampler with one no.50 pos, carousel*	
SI2345	*ME Micro Balance*	
SI2368	*Zero-Blank Autosampler 120 samples*	
SI2392	*Additional Carousel 180 samples (5mm)*	
Headspace Equilibration		
10202/10	XYZ Gas Sampling Control Box	
10302/1	Aqua System	
11103	µCarbs for CF	Y
11103-1	µCarbs for DI	
11601	200 Place Dual Heated Block 240 Volt	
11801	Sercon XYZ Gas Autosampler	
71107-1	*CF oxygen-18 equilibration kit*	
71107-2	*DI Oxygen-18 Equilibration kit*	
71201-1	*CF deuterium equilibration kit*	
71201-2	*DI Deuterium Equilibration kit*	
71107-5	µCarbs for CF Stat up kit	Y
GC Units		
10402/2	Orchid Combustion/Pyrolysis module 1500C (Will run Hd 70901-1 C Spares Kit Inc)	
10901	Nitrogen Option (71301-1 N Spares kit Included)	
HP7890/1	Agilent 7890B GC System	
HP7890/2	Agilent 7890B GC with Auto Injector	
HP7890/3	Agilent 7890B GC + Auto Injector + 150 Vial Sample Tray	
SI2561	Nexis GC 2010 Plus	

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Ref No.	Product Description	Required
GC Units ***continued***		
SI2564	Nexis GC-2030	
70901-3	*GC-CP Pyrolysis H and O Start Up Kit*	
70901-4	*GC-CP Pyrolysis H Spares Kit*	
70901-5	*GC-CP Combustion C Spares Kit (approx. 5000 samples)*	
70901-6	*GC-CP Pyrolysis h Start Up Kit (approx. 5000 samples)*	
ABCA2 Units		
10502/1	ABCA2 Sercon XYZ Autosampler	
10602	ABCA2 Gas Box	
20602	Complete Sercon ABCA2 system	
70101-1	*ABCA2 spares kit (Inc.With ABCA2)*	
70101-2	*ABCA2 Spares Kit for AB Analitica Systems*	
70101-3	*ABCA2 Autosampler Upgrade Kit*	
SI1767	*CVL505 – Barcode Reader*	
Integra2 Units		
20802/4	Integra Wave	Y
70201-2	*Integra2 ama;yser spares kit - Included*	*Y*
70401-1	*Integra-2 consumables (Inc. With Integra2)*	
SI2224	TCD2 Detector With Controller	
Trace Gas Systems		
10802/4	CryoPrep	
10802/5	Automated LN refiller	
10802/6	CryoFlex	
10802/7	CryoGas	
10802/8	CryoFlex (LA)	
71001-1	Cryoprep Spares Kit	
SI2135	Thermalox Environmental TOC Analyser	
SI2136	Thermalox TOC Autosampler	
SI2140	TOC Start up spares kit	
SI2180	Carbon (CO2) detector	
SI2393	Carrier gas scrubber furnace and dryer	
SI2431	5100 NOx Box	
GEO 20-22 (dual inlet)		
10702	GEO 20-22 Water Equilibration System (D & 18O)	
21802/1	GEO 20-22	
21802/2	GEO 20-22 + E-Mag	
21802/3	GEO 20-22 + E-Mah +Hd	
21802/4	GEO 20-22 Inlet	
70301-1	*GEO start up kit - Included*	
70301-3E	*Comprehensive GEO 20-22 spares kit for 5 years operation*	
HT-EA		
11501/4	HT-EA Wave	
10202/10	HT-EA Gas Sample Control Box	
SI2622	CTC PAL3-LSI-L-S	
SI2624	CTC PAL3-Kit-Standalone	
70801-1	*Pyrolysis Consumables Kit-High Temp for Solids*	
71501-1	*HT-EA Pyrolysis Start Up kit O and H*	
71501-2	*HT-EA Pyrolysis Kit for Water injections*	
71501-3	*HT-EA Sensitivity Start Up Kit for O & H in small samples*	
71501-4	*HT-EA Sensitivity Consumables Kit for O & H in small samples*	
71501-5	*HT-EA Sensitivity Kit for O&H in Small Samples (5000 samples)*	
71501-7	*HT-EA Kit for Room Temp Equilibration*	
71501-8	*HT-EA Pyrolysis Kit for Water injections (approx.1 year kit)*	

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3 - MACHINE SPECIFICATION

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Ref No.	Product Description	Required
Upgrades		
12101	Evacuation System ***	
12102	2 Ref Gas+ Dilutor Box ***	
20101	Standard Source Assy ***	
20102	HS Source Assy ***	
20301	Standard Collector Assy ***	
30202/1	System Control Upgrade (Pmag) installation not included	Edwards Or Pfeiffer
30202/2	System Controller Upgrade (Emag) installation not included	Edwards Or Pfeiffer
10202/7	Preparation PCB Upgrade	
30202/3	Hijack Box ***	
30302/1	Edwards Pumping System Upgrade Single - installation not included	
30302/2	Edwards Pumping System Upgrade Dual - installation not included	
30302/3	Edwards Pumping System Upgrade Triple- installation not included	
SI2542	ABCA2 Upgrade Kit	
CALLISTOW	Callisto software upgrade ***	
Specials		
11702	LC-I interface	
12202	Leco Interface Unit	
SI2320	Agilent 1260 Series Refractive Index Detection HPLC System	
71401-1	*ABCA-G Start Up/Spares Kit*	
71401-2	*ABCA-G Equilibration Spares Kit - Room temp O only*	
71401-3	*ABCA-G Equilbration Spares Kit - Room Temp O & H*	
71601-1	*LC Interface Spares Kit*	
71801-1	*WES-DI start up kit (Inc. with WES-DI)*	
ADDITIONS		
PC	Windows 7 based PC System with Callisto Software	Y
Printer	Printer	Y
INST1	Installation and start up training at customer's site by **Sercon** Engineer	Y
INST2	Installation and start up training at customer's site by **Agents** Engineer	
WARR	Extension of warranty to one year	
WARR2	Extension of warranty to two years	Y
SERV	Service contract for second year	Y
TRAIN	Training in UK for one person for 3 days	
SPECIFICATION REQUIREMENTS		
Voltage	230 Volts 50/60Hrzs	Y
Plug Type	SI2510 3 Metre USA/Japan plug to IEC C 13	
	SI2511 2.5 Metre Australian plug to IEC C 13	
	SI2512 3 Metre UK 13 amp Fused plug to IEC C 13	
	SI2523 3metre Schuko(Euro) Plug to IEC C13 Socket	Y
	SI2514 2.5 metre Chinese mains to IEC C13	
Pallet	Stamped for export heat treated for 30 min @ 56 °C	Y
	Complies with all Export Requirements	

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Job Number:	IN1232	Date:	13/05/2020

SPECIAL REQUIREMENTS (DETAILED SPECIFICATION)
Maintenance Service Contract
Contract to consist of 1 visit of 3 days on-site per annum
**** CREDIT ON ACCOUNT FOR £10,000 ****
TO BE USED TO PURCHASE CONSUAMBLES UP TO THE VALUE OF £10,000 UPON RECEIPT OF ORDER

Approved by Sales: *G Armstrong*	Date:13/05/2020
Approved by Tech.: *M O'Connor*	Date: 13/05/2020

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3 - MACHINE SPECIFICATION

Client:	Ben Gurion University of the Negev		
Quotation Number:	12754	Date:	27/04/2020
Job Number:	IN1232	Date:	13/05/2020

No.	ACTIONS FROM MEETING	ACTIONEE	RESPONSE

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4 - LOG SHEET

Client:	Ben Gurion University Negev		
Quotation Number:	12754	Date:	27/04/20
Job Number:	IN 1232	Date:	13/05/20

Date	Action Taken	By Whom
30/4/20	Instrument arrived onto Geat	SM
	Scratch on front left door Vinyl +	
	Chip ontop of Flight tube	
	Pumps on	
1/5/20	Setup call controllers all respond o/c	SM
	Furnaces heat up.	
	Made up tubes + leak checked	SM
	& Shem	
	Crimps and flows set of the thm	
	Isolation valve crimp no Pipe to inlet	SM
4/5/20	Vented to add 6 thou instrument Pumping	
	loom	
	new Scroller fitted had to tighten	
	4x bolts to Seal. Still moves as	SM
	expected once operated	
	Isolation crimp set 3.16-06	SM
	Source on filament conditioned fine	
	HS Source	SM.
	Pressure test over 5mins 3PSI drop	SM.
5/5/20	Leak on trapping loop	
	loop replaced by PH	SM
6/5/20	Still trapping loop Leak link between 2	SM
	Valves not tight	

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4 - LOG SHEET

Client:			
Quotation Number:		Date:	
Job Number:		Date:	

Date	Action Taken	By Whom
7/5/20	optimised Seperation + adjusted carrier flow to 65ml/min	SM
11/5/20	Dual precision Run N2 -0.25✓ CO2 - 0.17 x	SM
	refined and ran again.	
	Results Awful !	SM
SM [redacted]		
12/5/20	Full 50 Batch blank run Put on Batch ran well	SM
	Dual Precision Put on CO2 - 0.03✓ N2 - 0.25✓	SM
13/5/20	Dual Linearity Put on CO2 - 0.05✓ N2 - 0.16✓	SM
14/5/20	CO2 only batch Put on. 0.05	SM
	N2 only batch 0.27 in Spec but re-run to try and improve it	SM
	N2 only 0.27	SM
15/5/20	Accuracy Batch Put on Ref N2 + Beef mix [redacted] SM	
	-10.44 13C Expected - 11.12 Result	SM.
	+20.30 15N Expected +20.20 Result	
21/05/20	The nCarbs has been moved across. Mended the leak on the O2 side. Dodgy dowty. Set up the nCarbs.	DC.

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4 - LOG SHEET

Client:			
Quotation Number:		Date:	
Job Number:		Date:	

Date	Action Taken	By Whom
22/05	Got a gas peak to the Integra using 5% CO_2. Increased GC T° to 75°C. Ran a 500µg $CaCO_3$ sample. Disappointly small + off peak.	
27/05	Opened the source crimp to 4e-6 mbar	
	Source tunings for maximum sensitivity give a noisy ratio trace. More 'normal' parameters do not.	
	Tried a batch of dry 5% CO_2 6ml vials. Not in-spec.	
	Tried again with the whacky source tuning and vials filled with a needle. In spec. 0.08 + 0.09	
28/05	Carbonates. Traditionally the spec was for 500µg $CaCO_3$. Tried that first. Passed. 0.03 + 0.08 At 600nA trap - 500µg $CaCO_3$ gives 9nA.	
29/05	Tried DIC. 0.5ml of river water gave ≈5nA. 15ppm TOC calibrant gave 0.8nA.	
1/6	Source Supervised?	SM.
	CO2 STD around 1.E-08 Beam height 400/100 N2 6E-09.	
2/6	CO2 400/100 Beam height 2.E-08 N2 400/100 Beam height 9.E-09.	

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4 - LOG SHEET

Client:			
Quotation Number:		Date:	
Job Number:		Date:	

Date	Action Taken	By Whom
2/6/20	Source appears to be High Sense	
	Dual Precision Put on	SM.
	CO2 - 0.07 ✓	
	N2 - 0.35 ✓	
	Dual Lin Batch on.	SM.
	Source Spiked batch Stepped.	SM.
9/6/20	Trapping loop leaks a bit. N_2 beam increases during a ratio stab.	
23Jun20	Set up dual Precision Results poor 2/1 drifting too much. Investigate. found Leak on isolation valve Re run Dual precision Some results are okay but has random samples with different 2/1 (undrift corrected)	DJH
24Jun20	Re-tuned as peak shape new poor. Precision good on CO_2 but poor on N_2 (CO_2 = 0.07 ‰) (N_2 = 0.77 ‰)	DJH
25Jun20	Combustion tube depleated NO forming on 3rd collector. Replace tube + re-heat. Repeat dual precision Result now okay on N_2 (0.1 ‰) but poor on CO_2 Large amount of drift present possibly due to high temp of atmos on test flows.	DJH
26Jun20	O_2 leak found. Tightened up connections. Seems ok now.	DJH

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4 - LOG SHEET

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Date	Action Taken	By Whom
26Jun20	Attempted pressure test. Top hat popped due to back pressure. Reduction tube stuck wedged in furnace. Cool down + removed. cleared blockage.	
	Replaced GC column for new as sample time seems fast - @ 300 sec. Flow rate increased by 15 ml/min to 85 ml/min. Adjusted flow + baked out GC column @ 140°C.	
	Refitted Isolation valve (cup at base. Flow now @ 60 ml/min Run time seems more normal. GC @ 65°C.	DJH
26Jun20	Ran dual precision over night.	DJH
29Jun20	Dual results poor. Checked stability and found stepping on all beams (N_2) Swapped SC for testing. Still stepping on N_2 Stability + Sudden rise in N_2 after 1000 seconds. → Atmos leak on tripping loop? Rebuilt Tripping loop → found bent union. Ran short Dual Precision (n3) Results good. N_2 = 0.024 ‰ CO_2 = 0.106 ‰. Set up normal Dual Run over night.	DJH
30Jun20	Dual precision results good N_2 = 0.15‰ CO_2 = 0.06‰ Returned original SC. Ran dual precision → Results poor.	DJH

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Date	Action Taken	By Whom
30/6/20	Removed auto sampler + fitted test rig sampler. After large blank peak appeared. Sampler slow to turn. Can check combustion now. Looks v. good. Reduced O_2 flow to match He flow. Retuned. CO_2 peak now splitting	DJH
02/7/20	Peak splitting seems to be related to Water trap. Fitted new H2O traps all OK at first but got worse during run. Found leak on air input line. Auto sample now more better. Tried new batch of Magnesium perchlorate. Improves peak splitting. Also swapped connector line. Fitted new Head amp cable. Ran Dual precision. Results very good $N_2 = 0.086\%$. $CO_2 = 0.068\%$. Ran Linearity. Results poor. $N_2 = 0.392$ $CO_2 = 2.295$. Peak ~~positions~~ shape has change after new head amp cable fitted.	
03/7/20	Refitted original Auto sampler blank improved	
06-JUL-20	POOR CO2 LINEARITY. MAGNET MOVED AND RETUNED	
	CO2 LINEARITY BETTER BUT NOT IN SPEC	CM
07-JUL-20	MAGNET MOVED AGAIN, MORE IMPROVEMENT	
	BUT NOT IN SPEC.	CM
09-JUL-20	TUNING NOT IMPROVING CO2 LINEARITY. WRAPAROUND	
	SWAPPED FOR ANOTHER JJ ONE. NEW FILAMENT.	CM
10-JUL-20	MAGNETS WERE REPELLING AFTER CHANGING TRAP SIDE	

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4 - LOG SHEET

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Job Number:	IN1232	Date:	13/05/2020

Date	Action Taken	By Whom
	SO FILAMENT NOT FIRING. REFITTED + NEW	
	FILAMENT - STILL NOT FIRING. TRAP + ~~NEW~~ OLD	
	FILAMENT REFITTED. HIGH N2 EMISSION WHEN	
	FOCUS OPTIMISED. SOURCE 6002-1-M819 MT IN.	
	SHORT APPEARED WHEN UNDER VAC (SOURCE TO	
	FILAMENT) NEW FILAMENT FIRED SUCCESSFULLY.	LM
13-JUL-20	LINEARITY STILL POOR. NEW WATER TRAP. NEW	
	REDUCTION TUBE. FLIGHT TUBE BAKED OUT.	LM
14-JUL-20	LINEARITY STILL POOR. PRECISION GOOD AFTER	
	MAGNET MOVE. OLD HEAD AMP FITTED AND RUN	
	LEFT ON OVERNIGHT.	LM
15-JUL-20	RESULTS BETTER BUT HIGH BLANK OBSERVED. LINER	
	CHANGED. BASELINE 2/1 TRACE MORE NORMAL AND	
	RESULT 2:1 TOO (0.011). LINEARITY STILL POOR.	
	FLIGHT TUBE BAKED OUT OVERNIGHT. GC BAKED	
	AT 140°C OVERNIGHT.	LM
17-JUL-20	NEW FLIGHT TUBE. NEW SOURCE, INLET. RECRIMAIL	LM
21-JUL-20	CO_2 LINEARITY 0.14 PERMIL N_2 REQUIRING	
	TUNING IS ONGOING.	LM
22-JUL-20	N_2 DUAL LINEARITY 0.38 PERMIL. DUAL CO_2	
	PRECISION 0.03 PERMIL, N_2 DUAL PRECISION	
	0.06 PERMIL. PEAK SHAPES GOOD FOR N_2 AND	
	CO_2. BOTH STABLE. uCARBS HOOKED BACK UP	LM
23-JUL-20	NEW NEEDLE FITTED TO uCARBS (ACID). VALVE	
	ACT RESPONDING. CETAC RESPONDING. HEATED BLOCK	
	UP TO 50°C	LM
24-JUL-20	50mg CARBONATE PRECISION RUN. $\delta^{18}O$ 0.11 PERMIL	
	$\delta^{13}C$ 0.07 PERMIL.	
27-JUL-20	NEW CETAC HEAD FITTED AS TOO MUCH PLAY ON	
	ACID SIDE MAY HAVE BEEN CONTRIBUTING TO CETAC	
	ERROR MESSAGE. Z DEPTH RAISED BY 5MM. SEEMS	
	RESOLVED). 100 ug PRECISION $\delta^{13}C$ - 0.04 PERMIL,	
	$\delta^{18}O$ - 0.07 PERMIL. DIC RUN LEFT OVERNIGHT	
	(FLORIDA SEAWATER).	
28-JUL-20	DIC RUN $\delta^{13}C$ - 0.01 PERMIL, $\delta^{18}O$ - 0.04 PERMIL.	
	500ug CARBONATES RUN $\delta^{13}C$ - 0.04 PERMIL	
	$\delta^{18}O$ - 0.08 PERMIL	

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Job Number:	IN1232	Date:	13/05/2020

Date	Action Taken	By Whom
28/7/20	Front mounted ~~24v~~ fan removed to see what affect it has on Testing.	SM
	The results Prove the fan is not required and does not need to be there on future instruments	SM

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6 - TEST / ACCEPTANCE SPECIFICATION

Customer:	Ben Gurion University of the Negev		
Quotation Number:	12754	Date:	27/04/2020
Job Number:	IN1232	Date:	13/05/2020

HS20-22			
Reference Gas Precision (n=5)			
^{13}C	(CO_2)	0.06	
^{15}N		0.06	
^{18}O	(CO_2)	0.06	
^{34}S	(SO_2)	0.1	
^{2}H		0.4	

Reference Gas Linearity		
^{13}C	≤0.02‰/nA	
^{15}N	≤0.02‰/nA	

IsoEArth & IsoEArth+						
Combustion (n=5)						
^{13}C	100 µg C	0.1		10 µg C	0.8	
^{15}N	100 µg N	0.15		10 µg N	1.5	
^{34}S	25 µg S	0.3		10 µg S	1.0	
Dual	400 µg C	0.1		100 µg N	0.15	

Integra2				
^{13}C	100 µg C	0.2		
^{15}N	100 µg N	0.3		
Dual	100 µg N & 400 µg C	0.4 & 0.15	N-0.06, C-0.03	/
^{34}S	30 µg S	0.5		
^{18}O	100 µg O	0.5		

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6 - TEST / ACCEPTANCE SPECIFICATION

Customer:	Ben Gurion University of the Negev		
Quotation Number:	12754	Date:	27/04/2020
Job Number:	IN1232	Date:	13/05/2020

HT-EA		
Pyrolysis (n=5)		
^{18}O	100 µg O or 1 µl water	0.3
^{2}H	200 µg H or 1 µl water	1.0

Aqua, µCarbs & GasBox						
Equilibrations (n=5)						
^{18}O	0.2 ml water	0.1				
^{2}H	0.2 ml water	2.0				
Carbonates (n=5)						
^{13}C	100 µg $CaCO_3$	0.08 - 0.04				✓
^{18}O	100 µg $CaCO_3$	0.1 - 0.07				✓
Gas Analysis (n=5)						
^{13}C	5% CO_2	0.1		Air CO_2	0.1	
^{18}O	5% CO_2	0.1		Air CO_2	0.2	
^{2}H	0.5 ml H_2	1.5				
^{15}N	0.5 ml N_2	0.1		100 ppm N_2O	0.5	
^{13}C	Breath (12 ml)	0.1				
DIC (n=5)						
^{13}C	15ppm (0.5ml)	0.15				

LC-I		
(n=5)		
^{13}C		0.2

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Tel: +44 (0)1270 580008 Fax: +44 (0)1270 252310
Company Registration No. 4290072 Vat No. 771 1100 74

6 - TEST / ACCEPTANCE SPECIFICATION

Customer:	Ben Gurion University of the Negev		
Quotation Number:	12754	Date:	27/04/2020
Job Number:	IN1232	Date:	13/05/2020

GC Orchid							
Combustion (n=3 for each analyte)							
^{13}C	3 Alkanes	100 ng C	0.2		10 ng C	0.5	
^{15}N	2 Amines	100 ng N	0.5		14 ng N	1.5	
Pyrolysis (n=3 for each analyte)							
^{2}H	3 Alkanes	250 ng H	3.0		25 ng H	10.0	
^{18}O	3 FAMES	100 ng O	0.5		20 ng O	2.0	
Water pyrolysis (n=5)							
^{2}H	0.1 µl water	3.0					
^{18}O	0.1 µl water	0.4					

CryoRange					
(n=5)					
^{13}C	Air CO_2 (12ml)	0.1		Air CH_4 (125ml)	0.2
^{15}N	Air N_2 (1ml)	0.1		Air N_2O (125ml)	0.4
^{18}O	Air CO_2 (12ml)	0.15		Air N_2O (125ml)	0.7
^{18}O	Air O_2 (1ml)	0.1			
^{2}H	Air CH_4	3.0			
^{13}C	TOC (5ppm)	0.4			
^{13}C	Laser				

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6 - TEST / ACCEPTANCE SPECIFICATION

Customer:	Ben Gurion University of the Negev		
Quotation Number:	12754	Date:	27/04/2020
Job Number:	IN1232	Date:	13/05/2020

Geo2		
Internal precision (no change overs)		
^{2}H	200 Bar µl	0.15
^{13}C	100 Bar µl	0.01
^{15}N	100 Bar µl	0.01
^{18}O	100 Bar µl	0.015
^{34}S	100 Bar µl	0.015
Single cold finger volumes (10 change overs)		
^{13}C	20 Bar µl	0.01
^{18}O	20 Bar µl	0.015
^{13}C	3 Bar µl	0.02
^{18}O	3 Bar µl	0.03
CAPS (n=5)		
^{13}C	50 µg $CaCO_3$	0.03
^{18}O	50 µg $CaCO_3$	0.06
WES (n=5)		
^{2}H		1.0
^{18}O		0.05
Manifold (10 tubes)		
^{2}H		0.5
^{13}C		0.02
^{15}N		0.02
^{18}O		0.03
^{34}S		0.03

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6 - TEST / ACCEPTANCE SPECIFICATION

Customer:	Ben Gurion University of the Negev		
Quotation Number:	12754	Date:	27/04/2020
Job Number:	IN1232	Date:	13/05/2020

Special tests

Sales Signature: G O'Connor	Date: 12/8/20
Test Signature:	Date: 12-AUG-20

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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:	BEN GURION UNIVERSITY OF THE NEGEV		
Quotation Number:	12754	Date:	27/4/2020
Job Number:	IN1232	Date:	13/5/2020

PRODUCT: INTEGRA II

SERIAL NUMBER: 20802/4-2020/1232

ASSEMBLED: (Name)	D.W / P.H.	Date:	30/4/20
PRE-TEST INSPECTION: (Production name)	P. Hayes	Date:	30/4/20
PRE-TEST INSPECTION: (Test name)	S. Mosley	Date:	30/4/20
SYSTEM TEST: (Name)	LEE MARTIN- ~~JAA~~	Date:	12-AUG-20
PRE-DESPATCH INSPECTION: (Name)	P. Hayes	Date:	19/8/20

P.A.T. Test results

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

Earth Continuity	0.068	Ω		
Insulation	>300	MΩ		
Earth Leakage Current	1.00	mA. @	0.16	kVA.
Tested by:	S. M			
Date:	24/4/20			

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Company Registration No. 4290072 Vat No. 771 1100 74

7: ASSEMBLY AND TEST RECORD

Client:	Ben Gurion University of the Negev		
Quotation Number:	12754	Date:	27/04/2020
Job Number:	IN1232	Date:	13/05/2020

PRODUCT: 4Carbo System for C.F.

SERIAL NUMBER: 11103-2020/1232

ASSEMBLED: (Name) D. Walker Date: 10/10/19

PRE-TEST INSPECTION: (Production name) P. Hayes Date: 10/10/19

PRE-TEST INSPECTION: (Test name) S. Rhodes Date: 30/4/20

SYSTEM TEST: (Name) CEE MARTIN Date: 12-AUG-20

PRE-DESPATCH INSPECTION: (Name) P. Hayes Date: 19/8/20

P.A.T. Test results

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

Earth Continuity: 0.068 Ω

Insulation: >300 MΩ

Earth Leakage Current: <0.25 mA. @ <0.05 kVA.

Tested by: D. W

Date: 10/10/19.

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7: ASSEMBLY AND TEST RECORD

Client:	Ben Gurion University of the Negev		
Quotation Number:	12754	Date:	27/04/2020
Job Number:	IN1232	Date:	13/05/2020

PRODUCT: XYZ GAS BOX

SERIAL NUMBER: 10202/10-2020/1232

ASSEMBLED: (Name) D. Wauters Date: 10/10/19

PRE-TEST INSPECTION: (Production name) P. Hayes Date: 10/10/19.

PRE-TEST INSPECTION: (Test name) S-Mesz Date: 30/4/20.

SYSTEM TEST: (Name) LEE MARTIN Date: 12-AUG-20

PRE-DESPATCH INSPECTION: (Name) P. Hayes Date: 19/8/20

P.A.T. Test results

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

Earth Continuity _____ Ω

Insulation _____ MΩ

Earth Leakage Current _____ mA. @ _____ kVA.

Tested by: _____

Date: _____

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Company Registration No. 4290072 Vat No. 771 1100 74

8 - Serial Numbers Record Document

Client:	Ben Gurion University of the Negev		
Quotation Number:	12754	Date:	27/04/2020
Job Number:	IN1232	Date:	13/05/2020

Units	S/N
MS/ABCA	
Integra 2	20802/4-2020/1232
Prep Unit 1 (µCarbs for CF)	11103/2020/1232
Prep Unit 2/Misc	
Electronics Upgrade	
CETAC	061906A7400HR
Gas Box (XYZ)	10202/10-2020/1232
Autosampler	42622
BCR	
Dual Heater Block	

Pump Kit and Optics	S/N
Turbo pump S	200118043
Turbo pump A	
Rotary Pump	190616405
Voltage	~~110~~ / 240
Gauge S	190355560
Gauge A	
Source	20102-HS-168
Collector 1	20301-095
Collector 2	
Magnet	3 23-5-19

Parts	S/N
Fan PSU	
24V PSU	

PCBs	S/N
Electronics Box	20200008
Prep PCB	
VFC PCB	
Watchdog PCB	
Head Amp PCB 1	1902
Head Amp PCB 2	
Electromagnet RP	

Furnaces	S/N
Combustion	F447119
Reduction	F447519
HT-EA	
GC Oven	
Furnace 1	
Furnace 2	

PC	S/N
PC	6YJILT2
Monitor	5GM8GZ2
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:

Sercon Ltd, Unit 3B Crewe Trade Park, Gateway
Crewe, Cheshire CW1 6YY, UK
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11 – Installation Report

Client:	Department of Earth and Environmental Sciences Ben-Gurion University of the Negev Israel		
Quotation Number:	12754	Date:	27 Apr 2020
Job Number:	IN1232	Date:	13 May 2020

Contact:	Dr Gilad Antler
Date of Visit:	5th July 2021 (Remote Install Conducted from Crewe) No. of Days: 10
Engineer:	Lee Martin and David Harris

Details of visit:

05 July 2021
Units unboxed and placed on desk. Integra and cetac both powered up and comms achieved. Integra pumping down. Needle heads attached to cetac. Reaction tubes all assembled and fitted to instrument. Gases connected up. Integra passes helium pressure test so furnaces raised to temperature. Machine left pumping overnight.

06 July 2021
Vacuum 1.0e-08 mbar and filament fired successfully. Magnet fitted. Blank high but has come down after a long purge of oxygen lines. Peak shapes good and linearity pass for 13C and 15N. Linearity left running overnight.

07 July 2021
Linearity fail so magnet adjustment and tuning conducted all day on instrument. Linearity pass at the end of the day. Precision left running overnight.

08 July 2021
Precision failed overnight. CO2 results poor at 2.5‰ SD

Revisited tuning and stabilities. Slight retune. Peak shapes and stability looks good.

CO2 2/1 (13C) Peak Shape = OK
CO2 3/1 (18O) Peak shape = OK
N2 Peak Shape = OK

CO2 2/1 stability = OK
N2 Stability = OK

High N2 blank is noted 2nA beam height signal. O2 pressure has dropped down to 4PSI over night. Suspect O2 leak somewhere on system. Internal O2 pressure tests holds OK for 5 min. Customer pressure tested back line plumbing. Holds OK for 5 min. Small leak possible and/or atmosphere is entering the back line plumbing. Customer to run longer pressure tests and leak checks from the O2 cylinder to the instrument.
Also advise to check inside the instrument for possible leaks on the O2 lines.
N2 blanks down to 0.3nA beam height with long purge of O2 line.
Increased O2 purge time mid-sample.

Re-ran N & C Precision Test in Dual mode.
Results very good

15N = 0.048‰ SD
13C = 0.029‰ SD

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11 – Installation Report

Client:	Department of Earth and Environmental Sciences Ben-Gurion University of the Negev Israel		
Quotation Number:	12754	Date:	27 Apr 2020
Job Number:	IN1232	Date:	13 May 2020

Ran full N & C Dual linearity batch.

15N = 0.254‰ SD
13C = 0.296‰ SD

Integra2 passes Install setup specs.

Ran another N & C dual precision batch to see if results are effected by external influences during overnight running.

15N = 0.073‰ SD
13C = 0.031‰ SD

Customer is still in the process of producing acid at optimum concentration for µCarbs analysis.
Setup of µCarbs system to be carried over to next week.

13 July 2021

O_2 pressure low after being left to stand for a long period. Customer removed side panel to investigate possible leak on plumbing. Leak found – connections tightened. O_2 pressure holds OK. Customer to run longer pressure test to see if pressure holds.

Customer attempted to fit plumbing to CETAC gas-box for µCarbs system. Customer to use peek tubing until metal 30thou pipe work can be sent out.
Customer has shortage on 1/6 nuts , only 3 available, 4 required. Spare nuts to be sent out to customer.
Unable to plumb in µCarbs system at this time.

Looked at alignment of CETAC sampling positions. Updated software Callisto .exe file to gain control of Head A & B Z-depth.
Explained procedure for fixing positions and checking head A & B injections.
Customer to fully check X and Y sample well positions and save settings.

Damage occurred to needle. New part sent out. Installation to continue when parts received.

16 August 2021

Installation continued after needle arrived with customer.
Needle fitted but still no flow being detected. Investigation indicates issue actually lies in the top union. Blockage removed by fitting with compressed air.
Full carrier flow now being detected at the needle.
Short preliminary DIC batch set off (0.5ml in 5ml white capped vials) and results were encouraging before an unprompted windows reboot stopped the run.
9 sample DIC batch of seawater set off before signing out.
Results to be checked and further customer training to be completed before sign off.

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11 – Installation Report

Client:	Department of Earth and Environmental Sciences Ben-Gurion University of the Negev Israel		
Quotation Number:	12754	Date:	27 Apr 2020
Job Number:	IN1232	Date:	13 May 2020

17August 2021

Customer reports good precision results for DIC batch.
Customer reports they are happy to sign off install, with commitment from Sercon to carry out half day training on software Also the customer requires an extra install day for the Sulphur set up (as and when configuration is required by the customer). Sercon agrees with these conditions.

Recommendations:

- Customer to run longer pressure tests and leak checks from the O_2 cylinder to the instrument.
- Also advise to check inside the instrument for possible leaks on the O_2 lines. – (Update) Customer has performed this task. Leak found and fixed.
- Purge O_2 line fully , run “Blank” tests to check background levels.

Faults and Shortages:

- 30thou tubing to connect up µCarbs/CETAC to Intgra2. Customer to set up with peek tubing until replacement can be sent out.
- 1/16th nuts and ferrules for connecting µCarbs/CETAC to Intgra2
- Sulphur column & kit to be sent out to customer.

Follow up:

Engineer: David Harris Date: 17th August 2021

Signed: 

14462

Quotation

To: Ben-Gurion University of the Negev
Department of Geological &
Environmental Sciences
P.O.B. 653
Beer-Sheva
8410501 IsraeL

VAT Reg No: IL

Quotation Date:	07/07/2020
Quotation Reference:	14462
Customer Ref:	Gilad Antler
Account Ref.	BEN002
Quotation Validity:	07/08/2020

Quantity	Product Code	Product Description	Unit Price £	Net Price £
1	SC8048	IAEA-S-3 Sulphur Isotopes in SilverSulphide 1 bottle x 0.5g Certified for 34S See certificate for values	160.00	160.00
1	SC0426	Caffeine OAS 5g See Certificate for Values	35.19	35.19
1	SC0432	Barium Sulphate IAS 5g See Certificate for Values	34.39	34.39
1	SC0458	High Organic Content Sediment Standard OAS 30g See Certificate for Values	32.91	32.91
1	SC0460	Low Organic Content Soil Standard OAS 30g	32.91	32.91
1	SC0459	High Organic Content Sediment IRMS Standard OAS/Isotope 5g See Certificate for Values	57.60	57.60
1	SC0461	Low Organic Content Soil IRMS Standard OAS/Isotope 5g See Certificate for Values	57.60	57.60
1	SC9261	Carrara marble powder IRMS standard for 13C & 18O 0.5g See certificate for values	48.20	48.20
1	SC9803	USGS Merck high purity CaCO3 calibration of VPDB C 0.75g	180.00	180.00
1	SC2351	Soil Standard (Peat) 30g See Certificate for Values	36.80	36.80
1	SC2352	Medium Organic Content Soil Standard OAS 30g See Certificate for Values	36.57	36.57
1	SC8020	VSMOW2 Water 20mL See certificate for values	190.00	190.00
2	SC2338A	Exetainers 5.9ml Evac labelled+SepCaps White Pk/1000	212.90	425.80
2	SC0068	Exetainer 12ml Coated Vial, Evac, Label, Blue Pk/1000	218.15	436.30
6	SC0069	Exetainer Caps (with septum cap) Blue Pk/1000	98.64	591.84

This quotation is issued in **Pound Sterling**

Total Net Amount	£	2,356.11
Total VAT Amount	£	0.00
Order Total	£	2,416.11

*** 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% installation

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

IBAN: GB74NWBK54101736755133
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

Date 28/05/2020
Time 17:49:11

Sercon Limited

Picking List JW

WO01080

IN1232 - Israel

W/O Number WO01080
BOM Reference 70201-2
Integra2 analyser spares kit - Included

Required	Part No.	Description
1.0	SC0038	Source Tool Kit
1.0	SC0028	Filament, 20-20 Pk/1
5.0	SC0032A	Copper Gasket DN63CF Pk/1
5.0	SC0033A	Copper Gasket DN40CF Pk/1
5.0	SI0703	1/8-1/16" PTFE Reducing Ferrule
5.0	SI0700	1/16" PTFE Ferrules
5.0	SI0702	1/8" PTFE Ferrules
1.0	SC8407	Snoop Liquid Leak Detector 2oz
1.0	SC0063	Edwards Rotary Pump Oil - Ultra grade 15 - 1L

All items picked and packed as marked:

Date ___/___/___ Signed _____

Stock: Allocated
Issued
Order: Completed

Date ___/___/___ Signed _____

Date 28/05/2020
Time 17:52:09

Sercon Limited

Picking List JW

IN1232 - Israel

W/O Number WO01082
BOM Reference 70501-1
Consumables for C and N for Combustion Only

Required	Part No.	Description
1.0	SC0006	Quartz Wool Very Fine (10g)
1.0	SC0007	Silver Wool Very Fine Wire Unreeled (10g)
4.0	SC0236	EMASorb A Granular 0.8-1.6mm, 14-25 mesh CO2 Absorbant 25g
4.0	SC0162	Magnesium Perchlorate Gran 0.7to1.2mm H20 Absorbent 25g
4.0	SC0238	EMASorb B Granular 1.6 - 3mm, 7 - 14 mesh CO2 Absorbant 25g
4.0	SC0011	Quartz Liner Sleeve Insert Open Both Ends 15x180mm Pk/1
2.0	SC0001/E	Chromium Oxide Granular (25g)
1.0	SC0024	Chromosorb W 30-60 Mesh Acid Washed (10g)
2.0	SC0002	Copper Wires Fine Wires Reduced (100g)
1.0	SC0003	Copper Oxide Fine Wires (100g)
2.0	SC0009	Tin Capsules, Pressed, 8 x 5mm, Pk/250
1.0	SC0010	Tin Capsules, Pressed, 6 x 4mm, Pk/500
3.0	SC0012	Reaction/Reduction Tube Transparent Heavy Wall
3.0	SC2495	Scrubber Tube 220mm
1.0	SC1410	O Ring Schott Silicone Pk/10
1.0	SC0004	Quartz Chips Granular (50g)
1.0	SC0074	O-Ring Set - ANCA SL/GSL (5xSC0046,5xSC0047,5xSC1395)
1.0	SC1421	Seal Viton Chamfered Square Profile-upper reaction tube Pk/5

IN1232 - Israel

All items picked and packed as marked:

Date ___/___/___ Signed _____

Stock: Allocated
Issued
Order: Completed

Date ___/___/___ Signed _____

Date 28/05/2020
Time 17:51:03

Sercon Limited

Picking List JW

IN1232 - Israel

W/O Number WO01081
BOM Reference 70501-3
Sample Prep Kit

Required	Part No.	Description
1.0	SC0127	Micro spatula 154mm long Pk/1
1.0	SC0128	Mirror Tiles
1.0	SC1630	Sample Tray 96 Flat Bottom Pk/1
1.0	SC1605	Forceps Stainless Steel Curved Points Pk/1
1.0	SC1606	Forceps Stainless Steel Straight Points Pk/1
1.0	SI0709A	Syringe Model SK-10F 10ul

All items picked and packed as marked:

Date ____/____/____ Signed _____

Stock: Allocated
Issued
Order: Completed

Date ____/____/____ Signed _____

Date 28/05/2020
Time 17:53:07

Sercon Limited

Picking List JW

IN1232 - Israel

W/O Number WO01083
BOM Reference 70501-6
C&N Combustion Only Consumables Kit (approx. 5000 samples)

Required	Part No.	Description
10.0	SC0001/E	Chromium Oxide Granular (25g)
10.0	SC0002	Copper Wires Fine Wires Reduced (100g)
5.0	SC0003	Copper Oxide Fine Wires (100g)
5.0	SC0004	Quartz Chips Granular (50g)
5.0	SC0006	Quartz Wool Very Fine (10g)
5.0	SC0007	Silver Wool Very Fine Wire Unreeled (10g)
10.0	SC0009	Tin Capsules, Pressed, 8 x 5mm, Pk/250
5.0	SC0010	Tin Capsules, Pressed, 6 x 4mm, Pk/500
20.0	SC0011	Quartz Liner Sleeve Insert Open Both Ends 15x180mm Pk/1
15.0	SC0012	Reaction/Reduction Tube Transparent Heavy Wall
20.0	SC0162	Magnesium Perchlorate Gran 0.7to1.2mm H20 Absorbent 25g
20.0	SC0236	EMASorb A Granular 0.8-1.6mm, 14-25 mesh CO2 Absorbant 25g

All items picked and packed as marked:

Date ____/____/____ Signed _____

Stock: Allocated
Issued
Order: Completed

Date ____/____/____ Signed _____

Date 28/05/2020
Time 17:54:01

Sercon Limited

Picking List JW

IN1232 - Israel

W/O Number WO01084
BOM Reference 70601-4
Sulphur Consumables Kit (approx. 5000 Samples)

Required	Part No.	Description
5.0	SC0004	Quartz Chips Granular (50g)
5.0	SC0006	Quartz Wool Very Fine (10g)
15.0	SC0008	Copper Wires for S Analysis High Purity Reduced (40g)
20.0	SC0009	Tin Capsules, Pressed, 8 x 5mm, Pk/250
5.0	SC0011	Quartz Liner Sleeve Insert Open Both Ends
10.0	SC0012	Reaction/Reduction Tube Transparent Heavy Wall
10.0	SC0162	Magnesium Perchlorate Gran 0.7to1.2mm H20 Absorbent 25g
5.0	SC0027	Vanadium Pentoxide Fine Powder (10g) UN2862 Cl:6.1
10.0	SC0034	Tungstic Oxide on Zirconium (sulphur analysis) (50g)
5.0	SC2495	Scrubber Tube 220mm
5.0	SC0074	O-Ring Set - ANCA SL/GSL (5xSC0046,5xSC0047,5xSC1395)

All items picked and packed as marked:

Date ___/___/___ Signed _____

Stock: Allocated
Issued
Order: Completed

Date ___/___/___ Signed _____

Date 28/05/2020
Time 17:54:47

Sercon Limited

Picking List JW

IN1232 - Israel

W/O Number WO01085
BOM Reference 71107-5
µCarbs for CF Start Up Kit (Included)

Required	Part No.	Description
1.0	SC0142	Amber Glass Bottles for TG 4oz (approx 120ml) Pk/24
4.0	SC0258	Magnesium Perchlorate Self Indicating Gran 25g
1.0	SC2495	Scrubber Tube 220mm
1.0	SC0006	Quartz Wool Very Fine 10g
0.2	SC9128A	4.5ml BorosilicateVial RndBase,NonEvac,NoLabel,White Pk/1000
1.0	SC1410	O Ring Schott Type Silicone/PTFE 29013603 Pk/10
1.0	SC0145	Septrseal Teflon/Silicone Septra 3/4" for 4oz

All items picked and packed as marked:

Date ___/___/___ Signed _____

Stock: Allocated
Issued
Order: Completed

Date ___/___/___ Signed _____

501 MAN 08689461 SWISM MAN - 11000016

Principal's Name and Address

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

Principal's Account Number

Not Negotiable "Forwarders"
House Air Waybill
(Air consignment note)
Issued by

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

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.

Consignee's Name and Address

BEN-GURION UNIVERSITY OF THE NEGEV
PURCHASING DEPT 1 BEN GURION BLVD
BEER SHEVA
8410501 BEER SHEVA
ISRAEL

Consignee's Account Number

Issuing Forwarder's Name and City

Rhenus Logistics Limited
Liverpool Road
M30 7RF Manchester

Accounting Information

CLIENT REF: 3930768

Forwarder's IATA Code
91-4-7408/0003

Account No.

Airport of Departure (Addr. of First Carrier) and Requested Routing
MANCHESTER HAYDAR ALIYEV INT. A/P

To	By First Carrier (Routing and Destination)	To	By	To	By	Currency	CHGS Code	WT/VALL PPD	WT/VALL COLL	Other PPD	Other COLL	Declared Value for Carriage	Declared Value for Customs
GYD	SILK WAY WEST AIRL	TLV	7L			GBP		X		X		NVD	NCV

Airport of Destination	For Agent's Use only Flight/Date	Flight/Date	Amount of Insurance	INSURANCE - If Forwarder offers insurance, and such an insurance is requested in accordance with conditions on reverse hereof, indicate amount to be insured in figures in box marked "Amount of Insurance".
TEL AVIV	7L0234/26	7L0216/28	XXX	

Handling Information

4 BOXES ADDRESSED/ DOCUMENTS ATTACHED
NOT RESTRICTED
INCOTERMS:DAP

STATUS : X

No. of Pieces RCP	Gross Weight	kg lb	Rate Class / Commodity Items No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (incl. Dimensions or Volume)
4	359.0	K		454.0			SCIENTIFIC EQUIPMENT SHIPPER TEL:+4401270580008 CTC:JOANNE O'CONNOR COMPANY REGISTRATION NO:4290072 //////////////////////////////////// // DELIVERY AT PLACE // //////////////////////////////////// CONSIGNEE CTC:GILAD ANTLER TEL NUMBER:+972-8-6472674 (1) 70x80x72 CMS (1) 85x98x64 CMS (2) 85x98x107 CMS ECS
4	359.0						

Prepaid | Weight Charge | Collect

Other Charges

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 Goods Regulations.

Rhenus Logistics Limite AS AGENT FOR SHIPPER
Timi Adeleye 01/01/01/0100185

Signature of Principal or his Agent

Total Prepaid | Total Collect

Rhenus Logistics Limite AS AGENT FOR CARRIER
SILK WAY WEST AIRLINES
24-Aug-2020 MANCHESTER

Currency Conversion Rates | CC Charges in Dest. Currency

Executed on (date) at (place) Signature of Forwarder.

For Freight Forwarder Use only at Destination

Charges at Destination | Total Collect Charges

MAN - 11000016

COPY 12 (EXTRA COPY FOR FORWARDER)

MOVEMENT CERTIFICATE

EUR1 No. S 0318362

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 EUROPEAN COMMUNITY

and

ISRAEL

(Insert appropriate countries or groups of countries or territories)

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

BEN-GURION UNIVERSITY OF NEGEV
PURCHASING DEPT 1
BEN GURION BLVD
BEER SHEVA
8410501 ISRAEL

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

EC

5. Country, group of countries or territory of destination

ISRAEL

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)*
	BEN-GURION UNIVERSITY	4 BOXES NON HAZARDOUS SCIENTIFIC EQUIPMENT	GROSS 359 KGS	

(2) Complete only where the regulations the porting untry

ritory uire

11. Customs Endorsement

Declaration certified
Export document (2)

Stamp

Form _____ Number _____

Customs office _____

Issuing country or territory:
UNITED KINGDOM

Date _____

Signature _____

12. Declaration by the Exporter

For & on behalf of
SERCON LTD

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

Place and date MANCHESTER 25/8/

Signature _____

sercon
The *Stable* Isotope Company

COMMERCIAL INVOICE

Date: 24/08/2020

Reference: 3930768

Shipper / Exporter / Manufacturer:

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

Contact: Joanne O'Connor
Tel: +44 (0) 1270 580008
Reference: 12754 IN1232
Air Waybill No:

Country of Export: UK
Country of Manufacture: UK
Country of Destination: IL Israel

Consignee:

The Interuniversity Institute for Marine, Sciences in Eilat
Coral Beach, P.O.B 469
Eilat 8810302, Israel

Contact Name: Gilad Antler
Cust Tel Number: +972-8-6472674

Bill To:

Ben-Gurion University of the Negev,Purchasing Dept, 1
Ben Gurion Blvd, Beer Sheva
8410501, Israel

Shipping Marks / Notes:

4 Boxes @ 359kg

Commodity Code: 9027.30.00

Quantity	Product Code	Product Description	Unit Price £	Net Amount £
		INTEGRA WAVE		
1	20802/4	Integra Wave System to include High Sensitivty Source Gratis	96,000.00	96,000.00
1	70501-1	Consumables for C and N for Combustion Only (Inc.)	762.00	762.00
1	70501-6	C & N Combustion Only Consumables Kit (approx. 5000 samples)	2,212.00	2,212.00
1	70601-4	Sulphur Consumables Kit (approx. 5000 Samples)	2,854.22	2,854.22
1	11103	µCarbs for CF	40,500.00	40,500.00
1	WARR2	2 year warranty	0.00	0.00
1	CIP	Estimated CIP - Destination Airport	1,500.00	1,500.00

The exporter of the products covered by this document declares that except where otherwise clearly indicated, the products are of U.K. preferential origin.

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

Signed J. O'Connor

Name Joanne O'Connor
Export Co-ordinator

Total Net Amount:	**£ 123,828.22**
Shipping Charges:	**£ 0.00**
Total Invoice Value:	**£ 123,828.22**

Claims for damage or shortages must be made within 3 days

sercon

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.: GB 771 1100 74

sercon
innovators in isotopes

12754
IN1232

Order Acknowledgement

Order Date	25/05/2020
Order Ref.	12754
Cust. Ref.	3930768
Account Ref.	BEN002

Invoice address

Ben-Gurion University of the Negev
Department of Geological &
Environmental Sciences
P.O.B. 653
Beer-Sheva
8410501 IsraeL

VAT No.

Delivery address

The Interuniversity Institute for Marine Sciences in Eilat
Coral Beach
P.O.B 469
Eilat 8810302
Israel

Contact: Gilad Antler
Tel: +972-8-6472674

Quantity Ordered	Product Code	Product Description	Unit Price £	Net Price £
		INTEGRA WAVE		
1	20802/4	Integra Wave Integrated EA-IRMS, for isotopic and elemental analysis of 13C and 15N, or 34S. Includes standard source, high sensitivity source is available as an optional upgrade. Includes 70201-2 - analyser spares kit - filament, gaskets, pump oil, source tool kit, snoop and ferrules Includes 70501-3 - sample preparation kit - micro spatula, mirror, forceps, sample tray and syringe Windows based PC and printer System to include High Sensitivty Source Gratis	96,000.00	96,000.00
1	70501-1	Consumables for C and N for Combustion Only (Inc.) Dangerous goods in excepted quantities	762.00	762.00
1	70501-6	C & N Combustion Only Consumables Kit (approx. 5000 samples)	2,212.00	2,212.00
1	70601-4	Sulphur Consumables Kit (approx. 5000 Samples)	2,854.22	2,854.22
1	11103	µCarbs for CF Autosampler optimised for isotopic analysis of carbonates and DIC via continuous flow IRMS. Including dual needle XYZ autosampler, heated sample block, and automated, temperature controlled acid delivery 71107-5 uCarbs for CF start up kit	40,500.00	40,500.00
1	WARR2	2 year warranty	0.00	0.00
1	INST	Installation and start up training at Customer's site	7,500.00	7,500.00
1	CIP	Estimated CIP - Destination Airport	1,500.00	1,500.00
		SERVICE CONTRACT - 1 YEAR		
1	SCONTRACT	Maintenance Service Contract Contract to consist of 1 visit of 3 days on-site per annum	5,500.00	5,500.00
		**** CREDIT ON ACCOUNT FOR £10,000 ****		

12754
IN1232

Order Acknowledgement

Order Date	25/05/2020
Order Ref.	12754
Cust. Ref.	3930768
Account Ref.	BEN002

Invoice address

Ben-Gurion University of the Negev
Department of Geological &
Environmental Sciences
P.O.B. 653
Beer-Sheva
8410501 IsraeL

VAT No.

Delivery address

The Interuniversity Institute for Marine Sciences in Eilat
Coral Beach
P.O.B 469
Eilat 8810302
Israel

Contact: Gilad Antler
Tel: +972-8-6472674

Quantity Ordered	Product Code	Product Description	Unit Price £	Net Price £
		TO BE USED TO PURCHASE CONSUAMBLES UP TO THE VALUE OF £10,000 UPON RECEIPT OF ORDER		
		80% DUE UPON DELIVERY 20% DUE UPON INSTALLATION		
	DISCOUNT	Discount for order placed by quote expiry date		-20,000.00

Total Net Amount	£	136,828.22
Total VAT Amount	£	0.00
Order Total	£	136,828.22

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.: GB 771 1100 74

sercon
innovators in isotopes

Sales Order
Instruments

Order Date: 25/05/2020

Order Ref: 12754

Customer Ref: 3930768

Account Ref. BEN002

Invoice address

Ben-Gurion University of the Negev
Department of Geological &
Environmental Sciences
P.O.B. 653
Beer-Sheva
8410501 IsraeL

VAT Reg No: IL
Ex rate: 1.000000

Delivery address

Ben-Gurion University of the Negev
Department of Geological &
Environmental Sciences
P.O.B. 653
Beer-Sheva
8410501 IsraeL

Contact Gilad Antler
Tel No.: +972-8-6472674

Quantity	Product Code	Product Description	Unit Price £	Net Price £
		INTEGRA WAVE		
1	20802/4	Integra Wave Integrated EA-IRMS, for isotopic and elemental analysis of 13C and 15N, or 34S. Includes standard source, high sensitivity source is available as an optional upgrade. Includes 70201-2 - analyser spares kit - filament, gaskets, pump oil, source tool kit, snoop and ferrules Includes 70501-3 - sample preparation kit - micro spatula, mirror, forceps, sample tray and syringe Windows based PC and printer System to include High Sensitivty Source Gratis	96,000.00	96,000.00
1	70501-1	Consumables for C and N for Combustion Only (Inc.) Dangerous goods in excepted quantities	762.00	762.00
1	70501-6	C & N Combustion Only Consumables Kit (approx. 5000 samples)	2,212.00	2,212.00
1	70601-4	Sulphur Consumables Kit (approx. 5000 Samples)	2,854.22	2,854.22
1	11103	µCarbs for CF Autosampler optimised for isotopic analysis of carbonates and DIC via continuous flow IRMS. Including dual needle XYZ autosampler, heated sample block, and automated, temperature controlled acid delivery 71107-5 uCarbs for CF start up kit	40,500.00	40,500.00
1	WARR2	2 year warranty	0.00	0.00
1	INST	Installation and start up training at Customer's site	7,500.00	7,500.00
1	CIP	Estimated CIP - Destination Airport	1,500.00	1,500.00
		SERVICE CONTRACT - 1 YEAR		
1	SCONTRACT	Maintenance Service Contract Contract to consist of 1 visit of 3 days on-site per annum	5,500.00	5,500.00
		**** CREDIT ON ACCOUNT FOR £10,000 **** TO BE USED TO PURCHASE CONSUAMBLES UP TO		

12754
IN1232

sercon
innovators in isotopes

Sales Order
Instruments

Order Date: 25/05/2020

Order Ref: 12754

Customer Ref: 3930768

Account Ref. BEN002

Invoice address

Ben-Gurion University of the Negev
Department of Geological &
Environmental Sciences
P.O.B. 653
Beer-Sheva
8410501 IsraeL

VAT Reg No: IL
Ex rate: 1.000000

Delivery address

Ben-Gurion University of the Negev
Department of Geological &
Environmental Sciences
P.O.B. 653
Beer-Sheva
8410501 IsraeL

Contact Gilad Antler
Tel No.: +972-8-6472674

Quantity	Product Code	Product Description	Unit Price £	Net Price £

THE VALUE OF £10,000 UPON RECEIPT OF ORDER

80% DUE UPON DELIVERY
20% DUE UPON INSTALLATION

Total Net Amount	£	136,828.22
Total VAT Amount	£	0.00
Order Total	£	136,828.22

sercon

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

TO WHOM IT MAY CONCERN

I/We……Mr Mark O'Connor……..(Name of Applicant)

Of……Sercon Ltd……..(Company Name)

Hereby appoint….Rhenus Logistics Limited……..to be my / our Agent

for the purpose of applying for and signing EUR1 Movement Certificate issued against

Invoice number……..12754_IN1231…….

I confirm that these goods qualify as originating products under the provisions of the relevant preference agreements. These goods were:

Manufactured by us ☒

Not manufactured by us but we hold the proof of qualifying origin status ☐

Date…..25th August 2020……..

Signed……M O'Connor……..

Director

Sercon Ltd
Unit 3B Crewe Trade Park
Gateway, Crewe, Cheshire
CW1 6JT United Kingdom

Phone: +44 (0)1270 580008
Email: info@sercongroup.com
www.sercongroup.com

Registered in England and Wales: 4290072. VAT No.: 771 110074

ISO 9001 · ISO 13485 001

sercon
innovators in isotopes

Packing List

Customer Reference: 3930768

Shipper / Exporter:

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

Tel: +44 (0)1270 580008
Reference: IN1232

Consignee:

The Interuniversity Institute for
Marine Sciences in Eilat
Coral Beach
P.O.B 469
Eilat 8810302
Israel

Contact Name: Gilad Antler
Contact Tel Number: +972-8-6472674

BOX: 1

Quantity	Product Code	Product Description	Serial Number: *if available*
☑ 1		Integra Wave	20802/4-2020/1232

Packed by: P. Hayes

Date: 18/8/20.

Claims for damage or shortages must be made within 3 days

Sercon Limited
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Gateway, Crewe
CW1 6JT U.K.
Company Registration No.: 4290072

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

Packing List

Customer Reference: 3930768

Shipper / Exporter:

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

Tel: +44 (0)1270 580008
Reference: IN1232

Consignee:

The Interuniversity Institute for
Marine Sciences in Eilat
Coral Beach
P.O.B 469
Eilat 8810302
Israel

Contact Name: Gilad Antler
Contact Tel Number: +972-8-6472674

BOX: 2

Quantity	Product Code	Product Description	Serial Number: *if available*
☑ 1		Edwards E2M1.5 Rotary Pump (220-240 Volts)	190616405
☑ 1		Permanent Magnet	3 23-5-19
☑ 1		PC	6YJ1LT2
☑ 1		Sercon 50 Position Autosampler	42622
☑ 1	70501-1	Consumables Kit for C & N for Combustion Only	
☑ 1	70501-3	Sample Prep Kit	
☑ 1	70501-6	C&N Combustion Only Consumables Kit	
☑ 1	70601-4	Sulphur Consumables Kit	
☑ 4		European Power Lead	
☑ 1		Valve Ribbon Cable	
☑ 1		Manual	
☑ 1		Software Backup USB (*Packed with Manual*)	
☑ 1		Windows Recovery USB (*Packed with Manual*)	
☑		Peek Tubing	
☑ 1		Acid Needle (*Packed with Peek Tubing*)	
☑ 1		Equilibration Tee (*Packed with Peek Tubing*)	

Packed by: D. Walker

Date: 18/8/20

Claims for damage or shortages must be made within 3 days

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

sercon
innovators in isotopes

Packing List

Customer Reference: 3930768

Shipper / Exporter:

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

Tel: +44 (0)1270 580008
Reference: IN1232

Consignee:

The Interuniversity Institute for
Marine Sciences in Eilat
Coral Beach
P.O.B 469
Eilat 8810302
Israel

Contact Name: Gilad Antler
Contact Tel Number: +972-8-6472674

BOX: 3

Quantity	Product Code	Product Description	Serial Number: *If available*
☑ 1		Dual Heated Block	11103/2020/1232
☑ 1		Heated Block Driver	
☑ 1	70201-2	Integra2 Analyser Spares Kit	
☑ 1	71107-5	µCarbs for CF Start Up Kit	

Packed by: D. Walker

Date: 18/8/20

Claims for damage or shortages must be made within 3 days

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

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sercon
innovators in isotopes

Packing List

Customer Reference: 3930768

Shipper / Exporter:

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

Tel: +44 (0)1270 580008
Reference: IN1232

Consignee:

The Interuniversity Institute for
Marine Sciences in Eilat
Coral Beach
P.O.B 469
Eilat 8810302
Israel

Contact Name: Gilad Antler
Contact Tel Number: +972-8-6472674

BOX: 4

Quantity	Product Code	Product Description	Serial Number: *if available*
☑ 1		CETAC XYZ Autosampler	061906A7400HR
☑ 1		CETAC Completion Kit	
☑ 1		CETAC Dual Z-Drive	
☑ 1		XYZ Gas Box	10202/10-2020/1232

Packed by: D. Walker

Date: 18/8/20

Claims for damage or shortages must be made within 3 days

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

12754

Quotation

To: Ben-Gurion University of the Negev
Department of Geological &
Environmental Sciences
P.O.B. 653
Beer-Sheva
8410501 IsraeL

VAT Reg No: IL

Quotation Date:	27/04/2020
Quotation Reference:	12754
Customer Ref:	Gilad Antler
Account Ref.	BEN002
Quotation Validity:	15/05/2020

Quantity	Product Code	Product Description	Unit Price £	Net Price £
		INTEGRA WAVE		
1	20802/4	Integra Wave Integrated EA-IRMS, for isotopic and elemental analysis of 13C and 15N, or 34S. Includes standard source, high sensitivity source is available as an optional upgrade. Includes 70201-2 - analyser spares kit - filament, gaskets, pump oil, source tool kit, snoop and ferrules Includes 70501-3 - sample preparation kit - micro spatula, mirror, forceps, sample tray and syringe Windows based PC and printer System to include High Sensitivty Source Gratis	96,000.00	96,000.00
1	70501-1	Consumables for C and N for Combustion Only (Inc.) Dangerous goods in excepted quantities	762.00	762.00
1	70501-6	C & N Combustion Only Consumables Kit (approx. 5000 samples)	2,212.00	2,212.00
1	70601-4	Sulphur Consumables Kit (approx. 5000 Samples)	2,854.22	2,854.22
1	11103	µCarbs for CF Autosampler optimised for isotopic analysis of carbonates and DIC via continuous flow IRMS. Including dual needle XYZ autosampler, heated sample block, and automated, temperature controlled acid delivery 71107-5 uCarbs for CF start up kit	40,500.00	40,500.00
1	WARR2	2 year warranty		
1	INST	Installation and start up training at Customer's site	7,500.00	7,500.00
1	CIP	Estimated CIP - Destination Airport	1,500.00	1,500.00
		SERVICE CONTRACT - 1 YEAR		

12754

Quotation

To: Ben-Gurion University of the Negev
Department of Geological &
Environmental Sciences
P.O.B. 653
Beer-Sheva
8410501 IsraeL

VAT Reg No: IL

Quotation Date:	27/04/2020
Quotation Reference:	12754
Customer Ref:	Gilad Antler
Account Ref.	BEN002
Quotation Validity:	15/05/2020

Quantity	Product Code	Product Description	Unit Price £	Net Price £
1	SCONTRACT	Maintenance Service Contract Contract to consist of 1 visit of 3 days on-site per annum	5,500.00	5,500.00
		**** CREDIT ON ACCOUNT FOR £10,000 **** TO BE USED TO PURCHASE CONSUAMBLES UP TO THE VALUE OF £10,000 UPON RECEIPT OF ORDER		
	DISCOUNT	Discount for order placed by quote expiry date		-20,000.00

This quotation is issued in		**Pound Sterling**
Total Net Amount	£	136,828.22
Total VAT Amount	£	0.00
Order Total	£	136,828.22

*** 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% installation
100% on delivery
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: GB74NWBK54101736755133
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

אגף הכספים - מחלקת רכש והספקה | אוניברסיטת בן-גוריון בנגב
Ben-Gurion University of the Negev

PURCHASING AND SUPPLY DEPARTMENT
P.O.B 653 Beer-Sheva 84105, Israel

PURCHASE ORDER NO. 3930768

ORIGINAL

(TO BE QUOTED ON ALL LETTERS, CALLS, INVOICES, ETC.)

VAT NO. 500701644

Date: 13/05/2020

SUPPLIER: Sercon Limited
Unit 3B Crewe Trade Park Gateway, Crewe CW1 6 JT

UNITED KINGDOM

Tel:

Fax:

E-mail:

Ship to: 1 Ben-Gurion Blvd.
Beer-Sheva 8410501
Israel

Supplier ID: 99190713

Cat. No.	Description	Unit	Quant.	Curr.	Unit price	% Discount	Total price
010004565	Mass Spectrometer	EACH	1.00	ST	136,500.00	0.00	136,500.00
Quatation/Catalog :		Supply Date :		01/09/2020 Qty. 1			
Integra Wave - Integrated EA-IRMS + Carbs for CF according to the specification listed on quote 12754							
020003606	Consumables for C and N for Combustion Only (Inc.)		1.00	ST	762.00		762.00
Quatation/Catalog :		Supply Date :		01/09/2020 Qty. 1			
020003606	C & N Combustion Only Consumables Kit (approx. 5000 samples)		1.00	ST	2,212.00		2,212.00
Quatation/Catalog :		Supply Date :		01/09/2020 Qty. 1			
020003606	Sulphur Consumables Kit (approx. 5000 Samples)		1.00	ST	2,854.22		2,854.22
Quatation/Catalog :		Supply Date :		01/09/2020 Qty. 1			
100000002	Installation and start up training at Customer's site		1.00	ST	7,500.00		7,500.00
Quatation/Catalog :		Supply Date :		01/09/2020 Qty. 1			
100000002	Estimated CIP - Destination Airport		1.00	ST	1,500.00		1,500.00
Quatation/Catalog :		Supply Date :		01/09/2020 Qty. 1			
100000002	Maintenance Service Contract		1.00	ST	5,500.00		5,500.00
Quatation/Catalog :		Supply Date :		01/09/2020 Qty. 1			

Sub total: 156,828.22
Additional Discount: 12.75% 19,999.99
Total: CIP **136,828.23** ST

SHIPPING REMARKS

Ship Via: Air Freight

Remarks: 80% DUE UPON DELIVERY at BGU Laboratory. 20% DUE UPON INSTALLATION After system's successful installation and full functioning at Ben Gurion University Laboratory.

AWB/B/L INSTRUCTIONS:
CONSIGNEE: BEN-GURION UNIVERSITY OF THE NEGEV

PAYMENT REMARKS

Terms of payment: Net 30 days.

IN ORDER TO EFFECT PAYMENT, PLEASE FORWORD YOUR PROFORMA INVOICE INCLUDING ALL RELATED EXPENSES. PLEASE ADD BANKING INFORMATION TO INVOICE INCLUDING IBAN (IF APPLICABLE)

PURCHASING AND SUPPLY DEPARTMENT
P.O.B 653 Beer-Sheva 84105, Israel

PURCHASE ORDER NO. 3930768

ORIGINAL

(TO BE QUOTED ON ALL LETTERS, CALLS, INVOICES, ETC.)

VAT NO. 500701644

Date: 13/05/2020

SUPPLIER: Sercon Limited
Unit 3B Crewe Trade Park Gateway, Crewe CW1 6
JT

UNITED KINGDOM

Tel:

Fax:

E-mail:

Ship to: 1 Ben-Gurion Blvd.
Beer-Sheva 8410501
Israel

Supplier ID: 99190713

DOCUMENTS REQUIRED:
[X] Invoices (that include all expenses,packing,handling, etc.)
[X] Packing list
[X] AWB/B/L
[ ] Certificate of origin
[X] Movement certificate : EUR 1
[ ] U.S certificate of origin for U.S./Israel free trade area

IMPORTANT:
1. Without documents we are unable to clear shipment and payment could be delayed.
2. Clearly mark parcel 'Ben Gurion University of the Negev' and attach original invoice and packing list firmly to the package.
3. Please return a copy of this form as confirmation.

CONFIRMED BY,
DAVID BAREKET - Vice-President and Director-General

BEST REGARDS,
SHAKED AZULAY

Tel: 972-8-6472674
Fax:
E-mail: shakedaz@bgu.ac.il

Shaked Azulay
Purchasing Dept.
Tel: +972-8-6472674
Email: shakedaz@bgu.ac.il

12754

Quotation

To: Ben-Gurion University of the Negev
Department of Geological &
Environmental Sciences
P.O.B. 653
Beer-Sheva
8410501 IsraeL

VAT Reg No: IL

Quotation Date:	27/04/2020
Quotation Reference:	12754
Customer Ref:	Gilad Antler
Account Ref.	BEN002
Quotation Validity:	15/05/2020

Quantity	Product Code	Product Description	Unit Price £	Net Price £
		INTEGRA WAVE		
1	20802/4	Integra Wave Integrated EA-IRMS, for isotopic and elemental analysis of 13C and 15N, or 34S. Includes standard source, high sensitivity source is available as an optional upgrade. Includes 70201-2 - analyser spares kit - filament, gaskets, pump oil, source tool kit, snoop and ferrules Includes 70501-3 - sample preparation kit - micro spatula, mirror, forceps, sample tray and syringe Windows based PC and printer System to include High Sensitivty Source Gratis	96,000.00	96,000.00
1	70501-1	Consumables for C and N for Combustion Only (Inc.) Dangerous goods in excepted quantities	762.00	762.00
1	70501-6	C & N Combustion Only Consumables Kit (approx. 5000 samples)	2,212.00	2,212.00
1	70601-4	Sulphur Consumables Kit (approx. 5000 Samples)	2,854.22	2,854.22
1	11103	µCarbs for CF Autosampler optimised for isotopic analysis of carbonates and DIC via continuous flow IRMS. Including dual needle XYZ autosampler, heated sample block, and automated, temperature controlled acid delivery 71107-5 uCarbs for CF start up kit	40,500.00	40,500.00
1	WARR2	2 year warranty		
1	INST	Installation and start up training at Customer's site	7,500.00	7,500.00
1	CIP	Estimated CIP - Destination Airport	1,500.00	1,500.00
		SERVICE CONTRACT - 1 YEAR		

12754

Quotation

To: Ben-Gurion University of the Negev
Department of Geological &
Environmental Sciences
P.O.B. 653
Beer-Sheva
8410501 IsraeL

VAT Reg No: IL

Quotation Date:	27/04/2020
Quotation Reference:	12754
Customer Ref:	Gilad Antler
Account Ref.	BEN002
Quotation Validity:	15/05/2020

Quantity	Product Code	Product Description	Unit Price £	Net Price £
1	SCONTRACT	Maintenance Service Contract Contract to consist of 1 visit of 3 days on-site per annum	5,500.00	5,500.00
		**** CREDIT ON ACCOUNT FOR £10,000 **** TO BE USED TO PURCHASE CONSUAMBLES UP TO THE VALUE OF £10,000 UPON RECEIPT OF ORDER		
	DISCOUNT	Discount for order placed by quote expiry date		-20,000.00

This quotation is issued in		**Pound Sterling**
Total Net Amount	£	136,828.22
Total VAT Amount	£	0.00
Order Total	£	136,828.22

*** 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% installation
100% on delivery
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: GB74NWBK54101736755133
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