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Job Number:	IN1275	Date:	28/01/2022

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ADDITIONAL:

Payment Terms:
 50% / 40% / 10%
Other: please specify

Penalty Clause Yes / No

Please specify: _____

Blue Book Completion:

Signed	<i>Joice</i>	Date	6/10/22
Verified	<i>S. Maself</i>	Date	6/10/22

3 - MACHINE SPECIFICATION

Client:	University of East Anglia		
Quotation Number:	15921	Date:	11/01/2022
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Ref No.	Product Description	Required
HS2022 (continuous flow)		
20402/1	HS2022 Ref Gas + P Mag	Refurbished
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+	
10202/14	iso-Earth HT Furnace Upgrade	
10202/15	Iso-Earth (Without Autosampler)	
11802/1	Earth+PC	
11802/2	EArth+Clarity+PC	
70501-1	Consumables for C and N for Combustion Only	
70501-11	Simultaneous CNS Consumables Kit (approx. 10000 analysis)	
70501-3	Sample Prep Kit (Inc.)	
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)	
70801-2	Pyrolysis Consumables Kit-Low temp for Solids	
71701-1	Sub Microgram Nitrogen Analysis Start Up Kit	
SI2040	PN150 Pneumatic Autosampler with one no.50 pos, carousel	
SI2345	ME Micro Balance	
SI2737/A	Sercon 50 Position Autosampler Assy	
SI2789	Extra 50 Position Carousel	
SI2744	Automatic Liquid Sampler 15 Position	
SI2743	Liquid Sampler Mounting Plate	
Headspace Equilibration		
10202/10	XYZ Gas Sampling Control Box	
10302/1	Aqua System	
11103	µCarbs for CF	
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	
71801-1	WES-DI start up kit (Inc. with WES-DI)	
GC Units		
10402/2	Orchid 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 <i>continued</i>		
SI2564	Nexis GC-2030	
70901-3	GC Pyrolysis H and O Start Up Kit	
70901-4	GC Pyrolysis H Spares Kit	
70901-5	GC Combustion C Spares Kit (approx. 5000 samples)	
70901-6	GC Pyrolysis h Start Up Kit (approx. 5000 samples)	
71301-1	GC N Spares kit	
ABCA2 Units		
10502/1	ABCA2 Sercon XYZ Autosampler	
10602	ABCA2 Gas Box	
20602	Complete Sercon ABCA2 system	
20603	ABCA IR Analyser	
70101-1	ABCA2 spares kit (<i>Inc. With ABCA2</i>)	
70101-2	ABCA2 Spares Kit for AB Analitica Systems	
70101-3	ABCA2 Autosampler Upgrade Kit	
SI1767	CVL505 – Barcode Reader	
SC9973	13C Urea breath test kit for Helicobacter pylori infection	
SC9974	Helicobacter Test kit for children age 3-11 (45mg)	
Integra2 Units		
20802/4	Integra2	
70201-2	Integra2 analyser spares kit - Included	
70401-1	Integra-2 consumables (<i>Inc. With Integra2</i>)	
Trace Gas Systems		
10802/4	CryoPrep	
10802/5	Automated LN refiller	
10802/6	CryoFlex (TOC)	
10802/7	CryoGas	
10802/8	CryoFlex (LA)	
SI2533	Silicon Carbide Vertical Furnace	
SI2731	213nm Laser Ablation System	
SI2733	isoScell 100 sampler chamber	
71001-1	Cryoprep Spares Kit	
71001-5	CryoGas Consumables Kit	
TOC Units		
14001	Thermalox Environmental TOC-IRMS	
14002	Thermalox Environmental TOC-Standalone	
14003	Thermalox Environmental TOC-Standalone No Sampler	
SI2772	CO2 Detector, High sensitivity Option	
SI2773	NOx detector Option	
SI2774	Vacuum pump Option	
SI2775	Stirred Vial rack Option	
72101-1	TOC Start Up Kit	
72101-2	TOC Chem Pack	
72101-3	TOC & TN Instrument with heavy usage - one year	
72101-4	TOC only - economy holding	
GEO 20-22 (dual inlet)		
10702	GEO 20-22 Water Equilibration System (D & 180)	
21802/1	GEO 20-22	
21802/2	GEO 20-22 + E-Mag	

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21802/3	GEO 20-22 + E-Mag +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 (With Autosampler)	
11501/5	HT-EA With Liquid Option	
11501/6	HT-EA Stand Alone	
11501/7	HT-EA (Without Autosampler)	
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)	

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 ***	
30302/4	nEXT85 Edwards Pumping System Upgrade Single - installation not included	
30302/5	nEXT85 Edwards Pumping System Upgrade Dual - installation not included	
30302/6	nEXT85 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 Equilibration Spares Kit - Room Temp O & H	
71601-1	LC Interface Spares Kit	
ADDITIONS		
PC	Windows 7 based PC System with Callisto Software	Y
Printer	Printer	
INST1	Installation and start up training at customer's site by Sercon Engineer	
INST2	Installation and start up training at customer's site by Agents Engineer	
WARR	1 year warranty	Y
WARR2	2 year warranty	
TRAIN	Training in UK for one person for 3 days	
SCONTRACT	Maintenance Service Contract – 1 year	

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SPECIFICATION REQUIREMENTS		
Voltage	230 Volts 50/60Hzs	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	Y
	SI2523 3metre Schuko (Euro) Plug to IEC C13 Socket	
	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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SPECIAL REQUIREMENTS (DETAILED SPECIFICATION)

Return customer old floor standing GEO to Sercon to be dismantled

For the refurbished 2022 we can re-use the following parts

Flight Tube - Source – Collectors – Magnet - Solenoids

We will provide a new cabinet with wiring, new electronics pc and software

UEA have provided two new turbo pumps we will need to order vent valves and fans for these.

Approved by Sales: (Name)	<i>J. O'Connor</i>	Date:	<i>8/2/22</i>
Approved by Tech.: (Name)	<i>M. O'Leary</i>	Date:	<i>8/2/22</i>

4 - LOG SHEET

Client:	University of East Anglia		
Quotation Number:	15921	Date:	11/01/2022
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Date	Action Taken	By Whom
04 Apr 22	Source fitted. Attempted to pump down. S vac readback incorrect. Investigate for leak. Blanket off source. No change. Replaced Edwards gauge assy. Read backs now respond okay. Fitted source + inlet line. Pumped instrument down. Slow to pump. Good vac reached over night (1.0 ⁻⁰⁸)	DTH
04 Apr 22	Conditioned filament. Emissions on high side	DTH
05 Apr 22	Re-fitted Emag. Beams present. Adjusted software set up to standard emag config. Low Emag readbacks. Adjusted pot with in SysCon. Ok now. Beams unstable. Especially beam 2. Rebuild of Head amp setup gave stability same instability. Replaced Head amp. Beams now stable.	DTH
05 Apr 22	Run Ref gas specs after crimping lines + flows. Results ok. Linearity slightly off, was going to return but emissions now rising in N ₂ mode, into red range. Vented and replaced filament. Fitted original Edwards vac gauge as production noted that it wasn't fitted correctly before. Read backs for S vac now respond ok.	DTH
06 Apr 22	S vac read back fail again. Fitted Test Rig Edwards gauge assy. Pumped down again	DTH



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Company Registration No. 4290072 Vat No. 771 1100 74

4 - LOG SHEET

Client:	University of East Anglia		
Quotation Number:	15921	Date:	11/01/2022
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Date	Action Taken	By Whom
04 May 21	Geo Dual Inlet unit build finish on test floor. Ready for Sledge + Test.	
	Bellevs fail, both sides seem to try to move but are jammed. Remained and rebuilt axis greased. Comm loss. Sample bellevs moves but Ref bellevs will not respond. Replaced Geo prep board for new. Same issue occurs. Remained Ref bellevs again to rebuilt.	DJH
05 May 21	Bellevs now working correctly. Temp turbo fitted to Geo unit while order comes in to Test floor. No read backs present on Vac or Transducer. Inspect prep board. Jumpers in wrong position. Re fitted jumpers read backs now present. Calibrated transducer - all ok. fitted 6 thou capillary lines (30 thou incorrectly fitted). Air leak on valve lines - fixed. Increased air pressure to 5 bar. Values all seem to respond Ok via Software. Modified software for single sample usage + config for single transducer. Software update to V30.1.0 by WM. Mass spec pumped down ok after issue with rotary pump filter incorrectly fitted. Emissions still high, maybe due to unique build of source by customer. Multiple filaments give same read backs.	DJH

4 - LOG SHEET

Client:	University of East Anglia		
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Date	Action Taken	By Whom
22 Jun 22	Set up needle. Checked Sample manifold. Air lines missing set up - ok fixed leaks on lines. Comm issues present. Set up with WM	DTH
29 Jun 22	Manually get sample from evacuated vial to Dual inlet. Results good. Trace unstable due to air line issues. COV value RC1 has problems closing/opening. Rebuilt seems ok now.	DTH
30 Jun 22	Attempt to write macros method. 2 + w arms are back to front.	DTH
07 Jul 22	Carried on with method writing CETAC needs some software adjustments + certain commands figuring out to fully operate.	DTH
04 Jul 22	CM TAKEN OVER TESTING	CM
11 Jul 22	WM HAS CONFIGURED EVAC + DOSING ON AUTOSAMPLER	CM
09 Aug 22	Macros program responds okay after WM investigation. System configured ok obtain approx 1 nA of sample from 50 µg Calcium Carbonate (M). System unstable. Investigate.	
10 Aug 22	Replace head amp + cable → No change. Rebuild sample still unstable. Rebuilt original parts.	DTH
11 Aug 22	Adjust timings + method to experiment with volumes. Cold finger freezes down to -140°C with improved plumbing.	DTH

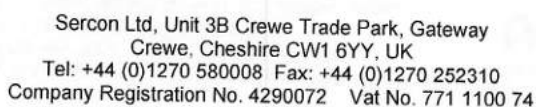


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4 - LOG SHEET

Client:	University of East Anglia		
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Date	Action Taken	By Whom
13 Jun 22	New A turbo fitted due to failure. System pumped down ok. Geo fitted ok. Bellows fail. Restart of unit fixed. Pumped down Geo. Vac good 1.3-ea mbar low vac, 9.3e-04 high vac. Looked at Ref gas. No beams.	DH
16 Jun 22	Cannot find beams. All read backs ok. Inspect source cable, surge for new. Same - No beams. Inspect source. Trap damaged. Replaced for new. Also hair found on focusing magnet.	DH
15 Jun 22	Beams present but at very low sens. Swapped source for Test Rig spare + new filament. Conditioned ok.	DH
16 Jun 22	Sens improved. Magnet move = No change in sens. Found can increase sens to normal levels with odd HP setting. Swapped SC. No change. Swapped back. Sens good with high HP. Change Emag power supply. No change. Returned original parts. Peak shape + stability good. Concentrator on Ref gas good + Prec. Cooked at Gaps side. All seems ok except needed to remove spring ring from RCI because would not open.	DH
17 Jun 22	Ran several checks + runs. Back speed value from COU leaking, causing burst of pressure + tripping filament. Seems OK after re fit. Specs look good but with high HP tuning. Needs cold finger fitting for lower temp specs.	DH



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S028_v3



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4 - LOG SHEET

Client:	University of East Anglia		
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Date	Action Taken	By Whom
12 Aug 22	Ongoing investigation still gives poor μ carb results.	
	Results on Ref gas improved at lower volumes.	
DJH 16 Aug 22	Decided to install μ carb Cold finger.	
	Originally set up dual in to LN_2 method, manually trapping CO_2 .	
	Results good. Substrate, has improved x10. Now can obtain 10A of CO_2 traps @ 1000.	
	Change to method " μ carb Run & LN_2 traps sequ"	DJH
DJH 17 Aug 22	'80 Std error of 0.015 achieved on μ carb automated sample.	DJH
16 Aug 22	Normal Cold finger parts not available for Carb finger.	
	Design substitute by wrapping copper & tubing around area between CT + SI.	
	Setup fail due to plumbing issues $\rightarrow$ shorter cold finger copper tubing.	
	Carb finger now freezes down ok. Temp unknown. Seems to trap sample ok.	
18 Aug 22	Set up Messos to automatically activate Carb finger pumps.	
30 Aug 22	μ carbs Assy removed and shipped to customer in China.	
	Unit converted to In let only config.	DJH
05 Sep 22	New software version update installed by Wm.	
	New speedy valve inlet pipeline	

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[illegible]

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Client:	University of East Anglia		
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[illegible]

6 - TEST / ACCEPTANCE SPECIFICATION

Customer:	University of East Anglia		
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HS20-22				
Reference Gas Precision (n=5)				
¹³ C	(CO ₂)	0.06	0.018 ‰	✓
¹⁵ N		0.06	0.037 ‰	✓
¹⁸ O	(CO ₂)	0.06		
³⁴ S	(SO ₂)	0.1		
² H		0.4		

Reference Gas Linearity				
¹³ C	≤0.02‰/nA	0.016 ‰/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	
³⁴ S	30 µg S	0.5	
¹⁸ O	100 µg O	0.5	

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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			
¹⁸ O	100 µg CaCO ₃	0.1			
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 ₂ O	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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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 ₂ O (125ml)	0.4	
¹⁸ O	Air CO ₂ (12ml)	0.15		Air N ₂ O (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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Geo2			
Internal precision (no change overs)			
² H	200 Bar µl	0.15	
¹³ C	100 Bar µl	0.01	0.004 % ✓
¹⁵ N	100 Bar µl	0.01	
¹⁸ O	100 Bar µl	0.015	0.009 % ✓
³⁴ S	100 Bar µl	0.015	
Single cold finger volumes (10 change overs)			
¹³ C	20 Bar µl	0.01	^{50H} 0.004 % 0.011 % ✓
¹⁸ O	20 Bar µl	0.015	0.018 % ✓
¹³ C	3 Bar µl	0.02	0.014 % ✓
¹⁸ O	3 Bar µl	0.03	^{20H} 0.009 % 0.015 % ✓
CAPS (n=5)			
¹³ C	50 µg CaCO ₃	0.03	0.019 % ✓
¹⁸ O	50 µg CaCO ₃	0.06	0.015 % ✓
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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Customer:	University of East Anglia		
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Special tests

Sales Signature: 	Date: 9/12/22
Test Signature: 	Date: 09 Sep 2022

7: ASSEMBLY AND TEST RECORD

Client:	University of East Anglia		
Quotation Number:	15921	Date:	11/01/2022
Job Number:	IN1275	Date:	28/01/2022

PRODUCT:

20/22 GEO CONVERSION

SERIAL NUMBER:

20402/8-2022/1275R

 ASSEMBLED:
 (Name)

[Signature]

Date:

21/4/22

 PRE-TEST
 INSPECTION:
 (Production name)

P. Hays

Date:

21/4/22

 PRE-TEST
 INSPECTION:
 (Test name)

[Signature]

Date:

04 May 22

 SYSTEM TEST:
 (Name)

[Signature]

Date:

09 Sep 22

 PRE-DESPATCH
 INSPECTION:
 (Name)

[Signature]

Date:

09 Sep, 22

P.A.T. Test results

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

Earth Continuity

0.075 Ω

Insulation

>300 $M\Omega$

Earth Leakage Current

0.80 mA. @ 0.05 kVA.

Tested by:

P. Hays

Date:

21/4/22

UNITED STATES DEPARTMENT OF AGRICULTURE
NATIONAL BUREAU OF ECONOMIC ANALYSIS
WASHINGTON, D. C. 20501

20501



7-1000 (Rev. 1-15-64)

UNIT	1000
DATE	10/1/64
BY	10/1/64
FOR	10/1/64

UNITED STATES DEPARTMENT OF AGRICULTURE

NATIONAL BUREAU OF ECONOMIC ANALYSIS

10/1/64

10/1/64

10/1/64

10/1/64

10/1/64

UNITED STATES DEPARTMENT OF AGRICULTURE

NATIONAL BUREAU OF ECONOMIC ANALYSIS

0.072

0.330

0.072

0.80

1.100

2.1/4

8 - Serial Numbers Record Document

Client:	University of East Anglia		
Quotation Number:	15921	Date:	11/01/2022
Job Number:	IN1275	Date:	28/01/2022

Units	S/N
MS/ABCA	21802/4-2022/1276R.
Integra 2	
Prep Unit 1	20402/8-2022/127R
Prep Unit 2/Misc	
Electronics Upgrade	
CETAC	
Gas Box	
Autosampler	
BCR	
Dual Heater Block	

Pump Kit and Optics	S/N
Turbo pump S	20210115511 INCLT IN1276
Turbo pump A	210301694 IN1276
Rotary Pump	2203357985
Voltage	110 / 240
Gauge S	017158728
Gauge A	017214409
Source	
Collector 1	
Collector 2	
Magnet	

Parts	S/N
Fan PSU	
24V PSU	

Additional System Info:

PCBs	S/N
Electronics Box	20220002
Prep PCB	20140007 (INCLT) IN1276
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	6X4TTJ3
Monitor	CN0NHJMO
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

12 – Installation Acceptance and Warranty Certificate

Client:	UEA, Norwich, Norfolk UK		
Quotation Number:	15921	Date:	11/01/2022
Job Number:	IN1275/76	Date:	28/01/2022

Contact:	Alina Marca, Paul Dennis
System:	HS20-22, Geo Dual Inlet
Software:	V30.2.6
Engineer:	David Harris
Installation Date:	30 th Sep 2022

Warranty commences:	30 th Sep 2022
Warranty Expires:	30 th Sep 2023

Customer Acceptance:

Name: Alina Marca

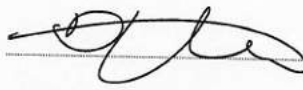
Signature: 

Date: 5th October 2022

Engineer's Signature:

On behalf of Sercon Limited

Name: David Harris

Signature: 

Date: 30th Sep 2022

Notes:

TOC system being installed by C Perry after the date of engineer David Harris' visit.
 The systems currently install at this date are 20-22, IsoEArth+, µCarbs with GasBox, HT-EA, CryoFlex

Packing List

Customer Reference:

Shipper / Exporter:

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

Tel: +44 (0)1270 580008
Reference:

Consignee:

Contact Name:
Contact Tel Number:

Quantity	Product Code	Product Description	Serial Number: <i>if available</i>
☒ 1	20402/8R	20/22 GEO conversion	20402/8-2022/1275R
☒ 1	21802/4R	GEO inlet	21802/4-2022/1276R
☒ 1		Rotary pumps 1.5	046004979
☒ 1	SI0155	Pc	6X4TTJ3
☒ 1	SI2391	Monitor	CNONHJMO
☒ 1		magnet	
☒ 1		Source	
☒ 1		Rotary pump 1.5 on lend from Sercon	
☒ 1		RV3 rotary pump on lend from Sercon	
☒ 1		Mains cable for 2022 GEO conversion	
☒ 1		Mains cable for GEO inlet	
☒ 1		Spare pipes and tubing	
☒ 1		Spare oil	
☒ 1		Paul Dennis Cryoprep	

Packed by:



Date:

09,09,22

Claims for damage or shortages must be made within 3 days

