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Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
Quotation Number:	15250	Date:	08/04/2022
Job Number:	IN1282	Date:	06/06/2022

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ADDITIONAL:

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

Penalty Clause Yes / No
Please specify: _____

Blue Book Completion:

Signed		Date	
Verified		Date	

Quotation

To: LabTech Corporation, Inc
No.6 Anqing Street, Area B
Airport Industrial Park
Shunyi District
Beijing, 101300
P. R. China

VAT Reg No: CN 91 110 113 799 019 7

Quotation Date: 08/04/2022

Quotation Reference: 15250

Customer Ref: Sichuan Academy of
Agricultural Sciences
Account Ref. LAB014

Quotation Validity: 08/07/2022

Quantity	Product Code	Product Description	Unit Price £	Net Price £
Agent Pricing				
HS2022 IRMS System				
1	20402/4	HS2022 + Hd Collector + E-Mag + Trap Loop Continuous flow isotope ratio mass spectrometer. Including high sensitivity source, electro magnet and HD collector Innovative trapping loop technology included, which allows the source to be tuned and delta values to be calculated without the need for a reference gas. System configured for m/z 28 to 64 for the analysis of H2, CO2, N2, N2O, NO, O2, SO, SO2, CO and CH4 (converted to CO2). Windows based data system and printer. 70201-1 - Analyser spares kit includes a filament, copper gaskets, source tool kit, pump oil, snoop and ferrules	70,700.00	70,700.00
IsoEath Elemental Analysis System				
1	10202/11	iso-Earth High performance elemental analyser including TCD. Flexible system can be configured for CN or S analysis. Includes autosampler for solids. 70501-3 - Includes sample preparation kit - micro spatula, mirror, forceps, sample tray and syringe 70501-1 - Includes start up consumables kit for C and N combustion	25,200.00	25,200.00
2	SI2789	Tray 2 - Sercon Autosampler Extra 50 Position Carousel Positions 50 - 98		
2	SI2832	Tray 3 - Sercon Autosampler Extra 50 Position Carousel Positions 99 - 147		
1	70501-1	Consumables for C and N for Combustion Only (Inc.) Dangerous goods in excepted quantities	762.42	762.42
1	70601-2	Sulphur Consumables Kit for 1000 Samples Dangerous goods in excepted quantities	463.64	463.64

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Customer Ref: Sichuan Academy of
Agricultural Sciences
Account Ref. LAB014
Quotation Validity: 08/07/2022

Quantity	Product Code	Product Description	Unit Price £	Net Price £
		HT-EA		
1	11501/8	HT-EA With Liquid Injection Port For high temperature pyrolysis for H & O. Additional autosampler required for liquid injections. 70801-1 - Pyrolysis start up kit high temp for solids. 71501-1 - HT-EA Pyrolysis start up kit O and H (Used In Build)	13,000.00	13,000.00
1	71501-4	HT-EA Sensitivity Consumables Kit for O & H in small samples	1,500.00	1,500.00
1	SI2743	Automatic Liquid Sampler 15 positions Configured: RIGHT	5,000.00	5,000.00
1	10202-S	Sercon 50 Position Autosampler Assy Autosampler for solids. Includes sample drum 1 (0-49) Extra sample drums available.)X		
		Cryoprep Trace Gas System		
1	10802/4	CryoPrep Trace gas analyser optimised for 13C, 15N and 18O measurements in CO ₂ , N ₂ O and CH ₄ . Atmospheric to percent concentrations can be gases can measured with the utmost accuracy and precision. Including cryogenic focussing modules, gas chromatography and a micro-combustion stage. Includes XYZ Gas Autosampler.	39,000.00	39,000.00

Ucarbs Equilibration System

Quotation

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Customer Ref: Sichuan Academy of
 Agricultural Sciences
Account Ref. LAB014

Quotation Validity: 08/07/2022

Quantity	Product Code	Product Description	Unit Price £	Net Price £
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	31,500.00	31,500.00
1	WARR2	71107-5 µCarbs for CF start up kit		
	DISCOUNT	2 year warranty		-4,000.00

*** 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.

This quotation is issued in Pound Sterling

Total Net Amount £ 183,126.06

Total VAT Amount £ 0.00

Order Total £ 183,126.06

Sercon Bank Details:-

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

IBAN: GB74NWBK54101736755133
 SWIFT/BIC: NWBKGB2LXXX

PURCHASE ORDER

Purchase Order: 20220500544

Date: June 1, 2022

Page:3

To: Sercon Limited

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

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

Attn: Laura

Bill To: LABTECH HONG KONG LIMITED

Flat D, 22/F, YHC Tower, No.1 Sheung Yuet Road,
Kowloon Bay, Kowloon, Hong Kong

Ship To: LABTECH HONG KONG LIMITED

Flat D, 22/F, YHC Tower, No.1 Sheung Yuet Road,
Kowloon Bay, Kowloon, Hong Kong

Ship via: Airfreight

Shipment Expected: ASAP

Payment: Net Payment: 50% T/T payable with order; 40% payable on delivery; 10% payable on installation.

Shipping Mark: 2022ZSIR0031ZF/ HANGZHOU CHINA

Item	P/N	Product Description	Qty.	Amount (GBP)
1	20402/4	HS2022 + Hd Collector + E-Mag + Trap Loop Continuous flow isotope ratio mass spectrometer. Including high sensitivity source, electro magnet and HD collector Innovative trapping loop technology included, which allows the source to be tuned and delta values to be calculated without the need for a reference gas. System configured for m/z 28 to 64 for the analysis of H₂, CO₂, N₂, N₂O, NO, O₂, SO, SO₂, CO and CH₄ (converted to CO₂). Windows based data system and printer. 70201-1 - Analyser spares kit includes a filament, copper gaskets, source tool kit, pump oil, snoop and ferrules	1	70,700.00
2	10202/11	iso-EArth High performance elemental analyser including TCD. Flexible system can be configured for CN or S analysis. Includes autosampler for solids. 70501-3 - Includes sample preparation kit - micro spatula, mirror, forceps, sample tray and syringe 70501-1 - Includes start up consumables kit for C and N	1	25,200.00

PURCHASE ORDER

		combustion		
3	SI2789	Tray 2 - Sercon Autosampler Extra 50 Position Carousel Positions 50 - 98	2	
4	SI2832	Tray 3 - Sercon Autosampler Extra 50 Position Carousel Positions 99 - 147	2	
5	70501-1	Consumables for C and N for Combustion Only (Inc.) Dangerous goods in excepted quantities	1	762.42
6	70601-2	Sulphur Consumables Kit for 1000 Samples Dangerous goods in excepted quantities	1	463.64
7	11501/8	HT-EA With Liquid Injection Port For high temperature pyrolysis for H & O. Additional autosampler required for liquid injections. 70801-1 - Pyrolysis start up kit high temp for solids. 71501-1 - HT-EA Pyrolysis start up kit O and H (Used In Build)	1	13,000.00
8	71501-4	HT-EA Sensitivity Consumables Kit for O & H in small samples	1	1,500.00
9	SI2743	Automatic Liquid Sampler 15 positions Configured: RIGHT	1	5,000.00
10	10202-S	Sercon 50 Position Autosampler Assy Autosampler for solids. Includes sample drum 1 (0-49) Extra sample drums available.	1	X
11	10802/4	CryoPrep Trace gas analyser optimised for 13C, 15N and 18O measurements in CO ₂ , N ₂ O and CH ₄ . Atmospheric to percent concentrations can be gases can measured with the utmost accuracy and precision. Including cryogenic focussing modules, gas chromatography and a micro-combustion stage. Includes XYZ Gas Autosampler.	1	39,000.00
12	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 µCarbs for CF start up kit	1	31,500.00
13	WARR2	2 year warranty	1	
14	DISCOUNT		1	-4,000.00
Total Amount				183,126.06

1. All delivered together with five different Shipping Marks.

2. Please advise us by fax or email your proposed shipment date before dispatch.

3. The Guarantee period shall be 24 months counting from the date of completion of installation, or 27 months after the

PURCHASE ORDER

goods are shipped from the supplier, whichever comes first.

4. To be effected by the Seller for 110% of the invoice value, covering all risks and War risks

Note: Please confirm transportation before shipment.

5. Please give the correct unit price

For and on behalf of LABTECH HONG KONG LIMITED.

Elena Fan

Authorized Signature

3 - MACHINE SPECIFICATION

Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
Quotation Number:	15250	Date:	08/04/2022
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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+	
10202/14	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	✓ x 1
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 (Inc. With ABCA2)	
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 (Inc. With Integra2)	
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 & 18O)	
21802/1	GEO 20-22	
21802/2	GEO 20-22 + E-Mag	

3 - MACHINE SPECIFICATION

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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	✓
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	
WARR2	2 year warranty	✓
TRAIN	Training in UK for one person for 3 days	
SCONTRACT	Maintenance Service Contract - 1 year	

3 - MACHINE SPECIFICATION

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SPECIFICATION REQUIREMENTS			
Voltage	Volts 50/60Hzs	230 volts	✓
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	
	SI2514	2.5 metre Chinese mains to IEC C13	✓
Pallet	Stamped for export heat treated for 30 min @ 56 °C		✓
	Complies with all Export Requirements		✓

3 - MACHINE SPECIFICATION

Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
Quotation Number:	15250	Date:	08/04/2022
Job Number:	IN1282	Date:	06/06/2022

SPECIAL REQUIREMENTS (DETAILED SPECIFICATION)

SI 2832 Tray 3
 71107-S CF Startup kit

Approved by Sales: (Name) <i>[Signature]</i>	Date: 6/6/22
Approved by Tech.: (Name) <i>M.O'K</i>	Date: 6/6/22

4 - LOG SHEET

Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
Quotation Number:	15250	Date:	08/04/2022
Job Number:	IN1282	Date:	06/06/2022

Date	Action Taken	By Whom
22-8-22	Tuned source on N_2 peak + stab Software was running slowly because it was running from a flash drive instead of the hard drive. Copied it over and recompiled new shortcuts	WM. SB
	Started N_2 refgas linearity runs $IR+1 = S.D$ 0.24 next tried +2v Finally settled on +3v $SD = 0.22$ N_2 refgas in spec for precision & lin	
	CO_2 refgas precision 0.01 after setting flow to 15ml/s and recrimping - $5.9e-7$. Linearity poor with above settings	
23-8-22	CO_2 refgas linearity 0.2 Trapped volumes in refgas lines lines stripped and 6th and 8th ends remade. System left to pump overnight.	SB RCB
24-8-22	System has small gas leak. Leak checked and rectified leaks Set up running for H_2 Ran precision system nearly in spec 0.5 SD, but the gas is tailing. Connection from isolation valve to valve remade.	
5-9-22	H_2 blank value noted on dual runs DHA & SB System checked for leaks and appeared leak free. On inspection the O_2 regulator was showing 100+psi regardless of the setting. The O_2 regulator is broken.	
05 Sep 22	H_2 ref gas - Stability ok. Re-Tuned H_2 ref gas prec ok 0.2187% SD Linearity also good. 2.9017% SD	
05 Sep 22	Adjusted mimic to add trapping loop	DHA DHA

4 - LOG SHEET

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Quotation Number:	15250	Date:	08/04/2022
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Date	Action Taken	By Whom
14-9-22	Ref gas lines checked and two sections replaced. Isolation valve replaced. H ₂ ref gas ran after system had pumped down. O.I. Pyrolysis ran, very close to spec retained & reran the waters	JB
15-9-22	Came in and the H.T.EA was powered off due to a blown main fuse. Furnace element & transformer switched P.H. & J.H. out. System switched to IsoEA _{th} for further testing. Auto sampler giving high blanks & missing sample drops. Boths adjusted to 0.7mm and stepping mechanism adjusted Blank run and small dual run done overnight.	
16-9-22	Blank checked the A.S and its in spec. 100-100 run started. N SD 0.04 C SD 0.06 100-400 Dual run	JB
20-9-22	Carrier out further specing of IsoEA _{th} . 10mg N+C All in spec IsoEA _{th} Tested OK P Pump reinstalled H.T.EA furnace with the conductive grease. Unfortunately, this set on fire	JB

4 - LOG SHEET

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Date	Action Taken	By Whom
22-9-22	Starters testing off the Cryoprep! Installing chemical traps and purge catalyst trap tube. Installed chem traps - GC columns. additional plumbing + brackets.	SB.
23-9-22	Commissioning of cryo continuous. Pneumatic bank wired & plumbed wrong. No connecting loop on V9 valve No air line from bulk head to valve bank. Flow meter wired wrongly. Power cut caused numerous S.W. faults. Started setting flows and leak checking.	SB, SM WM
26-9-22	Leak checking 0-6 O.K. Cryo loops up to V8 O.K. after tightening every connection on loops Setup HTEA for new node S Tried powering up furnace for first time. Characterised furnace element with exterior T/C.	SB
29-9-22	Testing re-started O ₂ flows set O ₂ line installed in Cryo isolation valve. Fault finding + training with Dave Harrold 10 air samples run for N ₂ No ₂	SB

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S028_v3

4 - LOG SHEET

Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
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Job Number:	IN1282	Date:	06/06/2022

[illegible]

4 - LOG SHEET

Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
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[illegible]

4 - LOG SHEET

Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
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[illegible]

4 - LOG SHEET

Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
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Date	Action Taken	By Whom
25-7-22	System displays a leak since the 8.7m line to the source has been installed. Paul replaced the "Tee" connector and pumped the system down again. Unfortunately, the system will not pump past 4×10^{-7} on the source gauge. System vented as previously. The system pumped down down to 1×10^{-8} . Ventured system and checked isolation valve, which found both the upper and graphite probe activities. Replaced both sensors and pumped down system.	SB
26-7-22	Pumping had improved slightly overnight to 1.2×10^{-7} . Ventured system again and remove the connections on the source and blanked off the T piece so there only the first isolation valve connected to vacuum system. Still not pumping down. Blanked off the flight tube to isolate it from the inlet system. Flight tube baked out last thing PM.	
27-7-22	System pumped down to 1×10^{-8} overnight. Source block snapped onto tested flange and returned to instrument pump down cycle. Started @ 9am.	SB
*	Flight tube badly contaminated 4×10^{-5} vacuum degradation during bake-out.	



5 - FAULT REPORTING

Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
Quotation Number:	15250	Date:	08/04/2022
Job Number:	IN1282	Date:	06/06/2022

Fault(s)	Action Taken	By Whom	Total Time Taken to Resolve
1	Source gauge stopped reading Gauge replaced	SB	2 hrs
2	Flight tube partially contaminated Broke out tube		1 Day
	Flight tube remained dirty despite repeated break outs. Flight tube removed and sent for cleaning		1 week
	Source contaminated Source removed stripped, cleaned & reassembled		1 day
	TC thermo couple open circuit. TC replaced		2 hours
H-T.EA	Blew 13amp mains fuse as the element is faulty Redesign of unit		Ongoing
Cryo prep	Pneumatic bank wired & plumbed wrong Air lines missing No correction loop on V9 valve Flow meter wiring reversed Powercut caused software corruption.	SB SB & HR. SB, S.M. & W.M.	2.5 hours 1/2 hour 1/2 hour 2 hours
	Leaking cryo-prep loops Every connection on the cryo loops was loose ???	SB	1 hour
Plumbing	Drawing does not match software mimic. V11 & V10 plumbed wrong on pneumatic fittings. S.W. altered		1/2 hour



Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
Quotation Number:	15250	Date:	08/04/2022
Job Number:	IN1282	Date:	06/06/2022

S029_v3

6 - TEST / ACCEPTANCE SPECIFICATION

Customer:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
Quotation Number:	15250	Date:	08/04/2022
Job Number:	IN1282	Date:	06/06/2022

HS20-22				
Reference Gas Precision (n=5)				
¹³ C	(CO ₂)	0.06	0.01	✓
¹⁵ N		0.06	0.04	✓
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	0.22 ✓

IsoEarth & IsoEarth+							
Combustion (n=5)							
¹³ C	100 µg C	0.1	0.06	✓	10 µg C	0.8	0.19 ✓
¹⁵ N	100 µg N	0.15	0.04	✓	10 µg N	1.5	0.7 ✓
³⁴ S	25 µg S	0.3			10 µg S	1.0	
Dual	400 µg C	0.1	0.07	✓	100 µg N	0.15	0.1 ✓

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	

6 - TEST / ACCEPTANCE SPECIFICATION

Customer:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
Quotation Number:	15250	Date:	08/04/2022
Job Number:	IN1282	Date:	06/06/2022

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	

6 - TEST / ACCEPTANCE SPECIFICATION

Customer:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
Quotation Number:	15250	Date:	08/04/2022
Job Number:	IN1282	Date:	06/06/2022

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) <i>150</i>	0.4	
¹⁸ O	Air CO ₂ (12ml)	0.15		Air N ₂ O (125ml) <i>180</i>	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					

7: ASSEMBLY AND TEST RECORD

Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
Quotation Number:	15250	Date:	08/04/2022
Job Number:	IN1282	Date:	06/06/2022

PRODUCT:

X72 GAS SAMPLING CON BOX

SERIAL NUMBER:

10202/10-2022/1282

 ASSEMBLED:
 (Name)



Date:

 PRE-TEST
 INSPECTION:
 (Production name)

Date:

 PRE-TEST
 INSPECTION:
 (Test name)

Date:

 SYSTEM TEST:
 (Name)

Date:

 PRE-DESPATCH
 INSPECTION:
 (Name)

Date:

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:

IN1282

INSTOCK
NOT IN

Date: 19/08/2022

Sercon Limited

Page: 1

Time: 15:01:26

Batch Picking List

Works Order Number WO01539
 BOM Reference 10202/10
 BOM Description XYZ Gas Sampling Control Box
 Qty Required 1.000
 Qty Outstanding 1.000
 Manuf. Instructions
 Works Order Notes

Sales Order No.

Quantity DueDate

Drawings

Reference/Description	Valid From	Valid To	Revision Number	Date
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Required By

Works Order No.	BOM Reference	Quantity
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Seq	Product Code	Qty Required	Qty Allocated	Qty Issued	To Issue	Bin Location/UOM
10	SC0085 Cap Kit for Threaded Joints Caps & PTFE Backed Sil Seals pk	1.000	0.000	1.000	1.000	A-B3 Each
20	SC2495 Scrubber Tube 220mm	1.000	0.000	1.000	1.000	A-B3 Each
30	SI0022 Capillary Crimp Parts A & B	2.000	0.000	2.000	2.000	B-I4 Each
40	SI0076 Tube Coupling	2.000	0.000	2.000	2.000	B-I5 Each
50	SI0199 Male Connector 1/16 OD x 1/8 NPTM SS	3.000	0.000	3.000	3.000	B-J7 Each
60	SI0204 Bulkhead Union 1/16 SS	4.000	0.000	4.000	4.000	B-J7 Each
70	SI0205 Bulkhead Union 1/8 SS	2.000	0.000	2.000	2.000	B-J7 Each
80	SI0567 15 Way Solder Contact ZD Plug 5A 400 Vac	2.000	0.000	2.000	2.000	D-X4 Each
90	SI0570 15 way Solder Contact ZD skt 5A 400 Vac	1.000	0.000	1.000	1.000	D-X4 Each
100	SI0632 15 Way D Hood	2.000	0.000	2.000	2.000	D-X4 Each
110	SI0703 1/8-1/16" PTFE Reducing Ferrule Pk/1	2.000	0.000	2.000	2.000	B-J5 Each
120	SI0926 0/60 psi Gauge 1/8 BSPT	1.000	0.000	1.000	1.000	B-K3 Each
130	SI1241 3 Way Solenoid Valve	4.000	0.000	4.000	4.000	B-J4 Each
140	SI1242 2 Way Solenoid Valve	1.000	0.000	1.000	1.000	B-J4 Each

Date: 19/08/2022

Time: 15:01:26

Sercon Limited

Page: 2

Batch Picking List

150	SI1595 37 Way D Plate	1.000	0.000	1.000	1.000	D-U3 Each
160	SI1774 1/8 Female Coupling BSP	1.000	0.000	1.000	1.000	B-J9 Each
170	SI1899 1/16 x M5 Fitting	14.000	0.000	14.000	14.000	B-J6 Each
180	SI1900 Dowty Seal - M5	14.000	0.000	14.000	14.000	B-J6 Each
190	SI2307 60 psi Regulator	1.000	0.000	1.000	1.000	B-J4 Each
200	SI2584 XYZ Control Box Assy	1.000	0.000	1.000	1.000	C Each

7: ASSEMBLY AND TEST RECORD

Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
Quotation Number:	15250	Date:	08/04/2022
Job Number:	IN1282	Date:	06/06/2022

PRODUCT: uCarbs system Cor CF

SERIAL NUMBER: 11103-2022/1282

ASSEMBLED: [Signature] Date: 26/07/22
 (Name)

PRE-TEST INSPECTION: S. Moore Date: 26/7/22
 (Production name)

PRE-TEST INSPECTION: S. Moore Date: 26/7/22
 (Test name)

SYSTEM TEST: S. Moore Date: 2/11/22
 (Name)

PRE-DESPATCH INSPECTION: [Signature] Date: 02/11/22
 (Name)

P.A.T. Test results

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

Earth Continuity 0.076 Ω

Insulation >300 $M\Omega$

Earth Leakage Current 0.25 mA. @ 0.05 kVA.

Tested by: S. Moore

Date: 03/10/22

IN1282

Date: 26/07/2022

Sercon Limited

Page: 1

Time: 13:59:18

Batch Picking List

Works Order Number WO01528
 BOM Reference 11103
 BOM Description µCarbs System for CF+ Gas Box
 Qty Required 1.000
 Qty Outstanding 1.000
 Manuf.Instructions
 Works Order Notes

Sales Order No.

Quantity DueDate

Drawings

Reference/Description	Valid From	Valid To	Revision Number	Date
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Required By

Works Order No.	BOM Reference	Quantity
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Seq	Product Code	Qty Required	Qty Allocated	Qty Issued	To Issue	Bin Location/UOM
10	10202/10 XYZ Gas Sampling Control Box	1.000	0.000	0.000	1.000	Each
20	60101/3 verSA 3 (Dual Head XYZ Autosampler)	1.000	0.000	1.000	1.000	Each
30	71107-5 µCarbs for CF Start Up Kit	1.000	0.000	0.000	1.000	Each
40	SI0345 SSR Safety Cover ✓	2.000	0.000	2.000	2.000	B-I5 Each
50	SI0349 PID Temp Controller 9900 230 V ✓	2.000	0.000	2.000	2.000	B-I7 Each
60	SI0374 Terminal Block Section ✓	2.000	0.000	2.000	2.000	B-H6 Each
70	SI0375 Terminal Block End Plate ✓	1.000	0.000	1.000	1.000	B-H6 Each
80	SI0378 Blk Re-wireable Straight Plug, 10A 250Vac ✓	2.000	0.000	2.000	2.000	B-H5 Each
90	SI0559 Solid State Relay 10A rms 24-280 Vac ✓	2.000	0.000	2.000	2.000	B-I5 Each
100	SI0731 Ceramic Terminal Covers ✓	16.000	0.000	16.000	16.000	B-I6 Each
110	SI0807 Thermostat ✓	1.000	0.000	1.000	1.000	B-I6 Each
120	SI0903 I.E.C Socket Mount ✓	2.000	0.000	2.000	2.000	B-H5 Each
130	SI1328 Mains Filter ✓	2.000	0.000	2.000	2.000	B-H4 Each
140	SI1344 IEC Connector Clamp Kit ✓	1.000	0.000	1.000	1.000	B-H4 Each

7: ASSEMBLY AND TEST RECORD

Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
Quotation Number:	15250	Date:	08/04/2022
Job Number:	IN1282	Date:	06/06/2022

PRODUCT: CRYOPREP

SERIAL NUMBER: 10802/4-2022/1282

ASSEMBLED: [Signature] Date: 24.08.22
 (Name)

PRE-TEST INSPECTION: [Signature] Date: 24/8/22
 (Production name)

PRE-TEST INSPECTION: [Signature] Date: 24/8/22
 (Test name)

SYSTEM TEST: [Signature] Date: 7/11/22
 (Name)

PRE-DESPATCH INSPECTION: [Signature] Date: 02/11/22
 (Name)

P.A.T. Test results

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

Earth Continuity 0.074 Ω

Insulation 7300 $M\Omega$

Earth Leakage Current 0.75 mA. @ 0.05 kVA.

Tested by: P. Haggis

Date: 25/8/22

Date: 22/08/2022

Sercon Limited

Page: 1

Time: 14:41:47

Batch Picking List

Works Order Number WO01522
 BOM Reference 10802/4
 BOM Description CryoPrep
 Qty Required 1.000
 Qty Outstanding 1.000
 Manuf.Instructions
 Works Order Notes

Sales Order No.

Quantity DueDate

Drawings

Reference/Description	Valid From	Valid To	Revision Number	Date
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Required By

Works Order No.	BOM Reference	Quantity
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Seq	Product Code	Qty Required	Qty Allocated	Qty Issued	To Issue	Bin Location/UOM
10	60101/4 Sercon Single Head XYZ Auutosampler	1.000	0.000	0.000	1.000	Each
20	SC0085 Cap Kit for Threaded Joints Caps & PTFE Backed Sil Seals pk	2.000	0.000	2.000	2.000	A-B3 Each
30	SC2495 Scrubber Tube 220mm	2.000	0.000	2.000	2.000	A-B3 Each
40	SI0076 Tube Coupling	4.000	0.000	4.000	4.000	B-I5 Each
50	SI0196 Reducing Union 1/4 x 1/16 SS	8.000	0.000	8.000	8.000	B-J7 Each
60	SI0198 Tee Union 1/16 SS	5.000	0.000	5.000	5.000	B-J7 Each
70	SI0205 Bulkhead Union 1/8 SS	2.000	0.000	2.000	2.000	B-J7 Each
80	SI0219 VacSeal 3L, all s/steel dewer w/ handle & Lid	1.000	0.000	1.000	1.000	Each
90	SI0344 2P red illum round rocker swithc, 10A	1.000	0.000	1.000	1.000	B-H5 Each
100	SI0345 SSR Safety Cover	1.000	0.000	1.000	1.000	B-I5 Each
110	SI0366 Flow Meter	1.000	0.000	1.000	1.000	B-J3 Each
120	SI0373 34 Way IDC Terminal Block	1.000	0.000	1.000	1.000	B-H9 Each
130	SI0374 Terminal Block Section	14.000	0.000	14.000	14.000	B-H6 Each
140	SI0375 Terminal Block End Plate	3.000	0.000	3.000	3.000	B-H6 Each

Batch Picking List

150	SI0406 Push-on Fan Guard, 120mm H x 120mm W	3.000	0.000	0.000	3.000	B-T4 Each
160	SI0508 24V PSU	1.000	0.000	1.000	1.000	B-H9 Each
170	SI0559 Solid State Relay 10A rms 24-280 Vac	1.000	0.000	1.000	1.000	B-I5 Each
180	SI0580 Toroidal Transformer 500VA 2x30V o/p	1.000	0.000	1.000	1.000	B-I7 Each
190	SI0620 IEC Insulated Cover	1.000	0.000	1.000	1.000	B-H4 Each
200	SI0629 120mm Fan Guard	3.000	0.000	3.000	3.000	B-H7 Each
210	SI0630 80mm Fan Guard	2.000	0.000	2.000	2.000	B-H7 Each
220	SI0701 1/4" PTFE Ferrules	8.000	0.000	8.000	8.000	B-J7 Each
230	SI0703 1/8-1/16" PTFE Reducing Ferrule	2.000	0.000	2.000	2.000	B-J5 Each
240	SI0704 Rt-Molsieve 5A Plut Column 15m x 0.53ID x 20um	1.000	0.000	1.000	1.000	B-L1 Each
250	SI0708 SSUE 16/16 Stainless Steel Union	9.000	0.000	9.000	9.000	B-J9 Each
260	SI0708 SSUE 16/16 Stainless Steel Union	1.000	0.000	1.000	1.000	B-J9 Each
270	SI0733 1100 Deg C Stainless Steel Tube Furnace	1.000	0.000	0.000	1.000	Each
280	SI0767 6 Way VALCO	2.000	0.000	2.000	2.000	B-K6 Each
290	SI0768 4 Way VALCO	1.000	0.000	1.000	1.000	B-K6 Each
300	SI0837 Nafion Dryer	1.000	0.000	1.000	1.000	B-K3 Each
310	SI0967 Bottle Rack Shelf Set - 16mm Diameter	1.000	0.000	1.000	1.000	B-M4 Each
320	SI1024 Black straight IEC C13-plug lead, 3m 10A	1.000	0.000	0.000	1.000	Each
330	SI1052 3 Way MOLEX Clip	1.000	0.000	1.000	1.000	B-J2 Each
340	SI1198 Rt-Q-BOND PLOT Column 30m, 0.53mm ID, 20um	1.000	0.000	1.000	1.000	B-L1 Each
350	SI1241 3 Way Solenoid Valve	6.000	0.000	6.000	6.000	B-J4 Each

Batch Picking List

360	SI1241 3 Way Solenoid Valve	1.000	0.000	1.000	1.000	B-J4 Each
370	SI1242 2 Way Solenoid Valve	3.000	0.000	3.000	3.000	B-J4 Each
380	SI1255 M5 Plug	2.000	0.000	2.000	2.000	B-J3 Each
390	SI1328 Mains Filter	1.000	0.000	1.000	1.000	B-H4 Each
400	SI1344 IEC Connector Clamp Kit	1.000	0.000	1.000	1.000	B-H4 Each
410	SI1390 Frame	1.000	0.000	1.000	1.000	B-M5 Each
420	SI1391 Bottom Shelf	1.000	0.000	1.000	1.000	B-M5 Each
430	SI1405 GVF Ferrule 16-008, PK/10	1.000	0.000	1.000	1.000	B-L2 Each
440	SI1466 Magnetic catch	2.000	0.000	2.000	2.000	B-N4 Each
450	SI1595 37 Way D Plate	1.000	0.000	1.000	1.000	D-U3 Each
460	SI1602 Speed Controller (5mm)	6.000	0.000	6.000	6.000	B-K5 Each
470	SI1603 Bulkhead Fitting 4mm - 1/8	1.000	0.000	1.000	1.000	B-K5 Each
480	SI1604 Male Connctor 1/8 UNION 1/8	1.000	0.000	1.000	1.000	B-K5 Each
490	SI1628 6 Way Manifold Assy	1.000	0.000	1.000	1.000	Each
500	SI1727 8mm Plug	1.000	0.000	1.000	1.000	B-K4 Each
510	SI1737 B/bearing axial fan, 119sqx25mm 24V med	3.000	0.000	3.000	3.000	B-H7 Each
520	SI1757 EXE-12 Needle For CTAC	1.000	0.000	1.000	1.000	A-G1 Each
530	SI1797 Fuse Holder Insulation Cover	1.000	0.000	1.000	1.000	B-H6 Each
540	SI1799 Type K insulated thermocouple, 1.5x150mm	1.000	0.000	0.000	1.000	B-I8 Each
550	SI1804 Rack Ø23 Bottle	1.000	0.000	1.000	1.000	B-M4 Each
560	SI1805 Rack Ø41 Bottle	1.000	0.000	1.000	1.000	B-M4 Each

Batch Picking List

570	SI1806 Rack Ø53.5 Bottle	1.000	0.000	1.000	1.000	B-M4 Each
580	SI1899 1/16 x M5 Fitting	25.000	0.000	25.000	25.000	B-J6 Each
590	SI1900 Dowty Seal - M5	25.000	0.000	25.000	25.000	B-J6 Each
600	SI2039 Rack Ø61 Bottle	1.000	0.000	1.000	1.000	B-M4 Each
610	SI2244 Male Elbow 4mm to M5	6.000	0.000	6.000	6.000	B-K4 Each
620	SI2288 Internal USB 4.5m	1.000	0.000	1.000	1.000	B-H2 Each
630	SI2296 Precision Flow Control	3.000	0.000	3.000	3.000	B-J4 Each
640	SI2304 Screwdriver bayonetcap fuseholder 5x20mm	1.000	0.000	1.000	1.000	B-H6 Each
650	SI2411 Split cable gland	1.000	0.000	1.000	1.000	B-H2 Each
660	SI2412 Quick Insert Pk 10	0.100	0.000	0.100	0.100	B-H2 Each
670	SI2413 Pneumatic Straight Tube Adapter, Plug In 4mm-8mm	1.000	0.000	1.000	1.000	B-K4 Each
680	SI2414 Bulkhead union 1/32 .5mm bore, SS	10.000	0.000	0.000	10.000	Each
690	SI2435 Electronic Pressure Regulator	1.000	0.000	1.000	1.000	B-N2 Each
700	SI2557 MAGNETICALLY COUPLED RODLESS	3.000	0.000	3.000	3.000	Each
710	SI2578 Cryoprep Cabinet Assemble	1.000	0.000	1.000	1.000	C Each
720	SI2582 EArth System PCB	1.000	0.000	1.000	1.000	B-N4 Each
730	SI2656 Snap fit Bushe 38x3.2x27 Black	1.000	0.000	1.000	1.000	Each
740	SI2790 Halogen Heating Element Bulb with 3X Clips & Ceramic Conne	2.000	0.000	2.000	2.000	Each

7: ASSEMBLY AND TEST RECORD

Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
Quotation Number:	15250	Date:	08/04/2022
Job Number:	IN1282	Date:	06/06/2022

PRODUCT:

VERSA 4

SERIAL NUMBER:

60101/4-2022/1282

 ASSEMBLED:
 (Name)



Date:

25/08/22

 PRE-TEST
 INSPECTION:
 (Production name)



Date:

25/8/22

 PRE-TEST
 INSPECTION:
 (Test name)

Date:

 SYSTEM TEST:
 (Name)

Date:

 PRE-DESPATCH
 INSPECTION:
 (Name)

Date:

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:

Date: 22/08/2022

Time: 14:46:01

Sercon Limited

Page: 1

Batch Picking List

Works Order Number	WO01552	Sales Order No.	Quantity	DueDate
BOM Reference	60101/4			
BOM Description	verSA 4 (Cryoprep No Plumbing)			
Qty Required	1.000			
Qty Outstanding	1.000			
Manuf.Instructions				
Works Order Notes				

Drawings

<u>Reference/Description</u>	<u>Valid From</u>	<u>Valid To</u>	<u>Revision Number</u>	<u>Date</u>
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Required By

<u>Works Order No.</u>	<u>BOM Reference</u>	<u>Quantity</u>
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Seq	Product Code	Qty Required	Qty Allocated	Qty Issued	To Issue	Bin Location/UOM
10	SI0708 SSUE 16/16 Stainless Steel Union Pk/1	1.000	0.000	1.000	1.000	B-J9 Each
20	SI0762 PSR16-16 PTFE Sealing Rings Pk/20	0.200	0.000	0.200	0.200	B-J6 Each
30	SI2515 µCarbs Single Needle	1.000	0.000	1.000	1.000	A-G1 Each
40	SI2584 XYZ Control Box Assy	1.000	0.000	1.000	1.000	C Each
50	SI2971 150 ELECTRIC ACTUATOR WITH SCREW DRIVE	1.000	0.000	1.000	1.000	Each
60	SI2973 300 ELECTRIC ACTUATOR WITH SCREW DRIVE	1.000	0.000	1.000	1.000	Each
70	SI2974 300 SUPPORT GUIDE FOR ELECTRIC ACTUATOR	1.000	0.000	1.000	1.000	Each
80	SI3012 450 ELECTRIC ACTUATOR WITH SCREW DRIVE	1.000	0.000	1.000	1.000	Each
90	SI3022 24Volt 250W AC/DC PSU AHM250PS24	1.000	0.000	1.000	1.000	B-N4 Each
100	SI3039 StarTech 7x USB A Port Hub, USB 3.0 - Terminal Connector	1.000	0.000	1.000	1.000	B-N2 Each
110	SI3040 StarTech1 Port USB 3.0 Ethernet Adapter, 10/100/1000Mbit/s	1.000	0.000	0.000	1.000	B-N2 Each
120	SI3041 Panel Mount Socket to Socket Type B to A 3.0	1.000	0.000	1.000	1.000	Each
130	SI3042 Cat6 Ethernet Cable, RJ45 to RJ45 300mm	1.000	0.000	1.000	1.000	B-N2 Each
140	SI3043 Ethernet Cable, Cat6a, 150 mm, 5.9 ", RJ45 Plug to RJ45 Plug	2.000	0.000	2.000	2.000	B-N2 Each

Batch Picking List

150	SI3047 Single Head XYZ Assy.	1.000	0.000	0.000	1.000	Each
160	SI3061 GREEN 24V LED INDICATOR	1.000	0.000	1.000	1.000	B-N2 Each
170	SI3062 USB RS232-PCBA	1.000	0.000	1.000	1.000	B-N2 Each
180	SI3063 Male USB A to Male USB B Cable, USB 3.0, 3m	1.000	0.000	1.000	1.000	B-N2 Each

7: ASSEMBLY AND TEST RECORD

Client:	Zhejiang Academy of Agricultural Sciences C/O: LabTech		
Quotation Number:	15250	Date:	08/04/2022
Job Number:	IN1282	Date:	06/06/2022

PRODUCT:

HS2022

SERIAL NUMBER:

20402/4-2022/1282

 ASSEMBLED:
 (Name)

James Shaw

Date:

14/7/22

 PRE-TEST
 INSPECTION:
 (Production name)

Hampson

Date:

14/7/22

 PRE-TEST
 INSPECTION:
 (Test name)

S. Bennett

Date:

25/7/22

 SYSTEM TEST:
 (Name)

S. Bennett

Date:

7/11/22

 PRE-DESPATCH
 INSPECTION:
 (Name)

James Shaw AB

Date:

02/10/22

P.A.T. Test results

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

Earth Continuity

0.080
 Ω

Insulation

7200
 $M\Omega$

Earth Leakage Current

0.30

mA. @

0.05

kVA.

Tested by:

P. Hays

Date:

14/7/22