

7: ASSEMBLY AND TEST RECORD

Client:	Chongqiang University C/O: LabTech		
Quotation Number:	15187	Date:	09/12/2021
Job Number:	IN1274	Date:	11/01/2022

PRODUCT:

20/22

SERIAL NUMBER:

20402/4-2022/1274

 ASSEMBLED:
 (Name)




Date:

30/3/22

 PRE-TEST
 INSPECTION:
 (Production name)

P. Mayo

Date:

30/3/22

 PRE-TEST
 INSPECTION:
 (Test name)

S. Masley

Date:

30/3/22

 SYSTEM TEST:
 (Name)

S. Masley

Date:

20/06/22

 PRE-DESPATCH
 INSPECTION:
 (Name)





Date:

20/6/22

P.A.T. Test results

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

Earth Continuity

0.076 Ω

Insulation

>300 MΩ

Earth Leakage Current

0.35 mA. @ 0.05 kVA.

Tested by:

P. Mayo

Date:

30/3/22

Works Order Number WO01435
BOM Reference 20402/4
BOM Description HS2022 + Hd Collector + E-Mag + Trap Loop
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

Required By		
Works Order No.	BOM Reference	Quantity

Seq	Product Code	Qty Required	Qty Allocated	Qty Issued	To Issue	Bin Location/UOM
10.00	20102 HS Source Assy	1.000	0.000	0.000	1.000	MARKS OFFICE Each
20.00	20301 Standard Collector Assy	1.000	0.000	0.000	1.000	MARKS OFFICE Each
30.00	20501 Hd Collector Assy	1.000	0.000	0.000	1.000	MARKS OFFICE Each
40.00	41902 Single channel 100G amp assy	1.000	0.000	0.000	1.000	D-U1 Each
50.00	41903 Three channel 100M/5G/5G amp assy	1.000	0.000	0.000	1.000	D-U1 Each
60.00	70101/11 20-22 Head Amp Inverter PCB Cable	1.000	0.000	0.000	1.000	B-H1 Each
70.00	70101/12 20-22 Source Cable	1.000	0.000	0.000	1.000	B-H1 Each
80.00	70101/13 Standard Head Amp Cable	1.000	0.000	0.000	1.000	B-H1 Each
90.00	70201-1 Analyser spares kit - Included	1.000	0.000	0.000	1.000	Z Each
100.00	SI0005 20-20 H/D Flight Tube Assembly	1.000	0.000	0.000	1.000	D-Z Each
110.00	SI0022 Capillary Crimp Parts A & B	7.000	0.000	0.000	7.000	B-I4 Each
120.00	SI0049 Big Magnet Adjusting Foot	1.000	0.000	0.000	1.000	B-I3 Each
130.00	SI0050 Magnet Foot	2.000	0.000	0.000	2.000	B-I3 Each
140.00	SI0086 Ref Gas Bracket	5.000	0.000	0.000	5.000	D-W3 Each

Batch Picking List

150.00	SI0112 NW10/16 Clamping Ring Stainless Steel - Edwards	1.000	0.000	0.000		1.000	D-Z5 Each
160.00	SI0113 NW10/16 Adapt/Cent Viton® SS - Edwards	1.000	0.000	0.000		1.000	D-Z5 Each
170.00	SI0155 Windows based data system	1.000	0.000	0.000		1.000	Area E Each
180.00	SI0196 Reducing Union 1/4 x 1/16 SS	2.000	0.000	0.000		2.000	B-J7 Each
190.00	SI0197 Reducing Union 3/16 OD x 1/16 OD SS	4.000	0.000	0.000		4.000	B-J7 Each
200.00	SI0198 Tee Union 1/16 SS	1.000	0.000	0.000		1.000	B-J7 Each
210.00	SI0204 Bulkhead Union 1/16 SS	2.000	0.000	0.000		2.000	B-J7 Each
220.00	SI0205 Bulkhead Union 1/8 SS	5.000	0.000	0.000		5.000	B-J7 Each
230.00	SI0344 2P red illum round rocker swithc, 10A	4.000	0.000	0.000		4.000	B-H5 Each
240.00	SI0346 SPCO Relay - 24V DC	3.000	0.000	0.000		3.000	B-H3 Each
250.00	SI0347 SPCO Relay Base	3.000	0.000	0.000		3.000	B-H3 Each
260.00	SI0355 DPCO Relay - 24V DC	1.000	0.000	0.000		1.000	B-H3 Each
270.00	SI0366 Flow Meter AWM3100V	1.000	0.000	0.000		1.000	B-J3 Each
280.00	SI0373 34 Way IDC Header DIN Rail Terminal	1.000	0.000	0.000		1.000	B-H9 Each
290.00	SI0374 Terminal Block Section	8.000	0.000	0.000		8.000	B-H6 Each
300.00	SI0375 Terminal Block End Plate	2.000	0.000	0.000		2.000	B-H6 Each
310.00	SI0376 DPCO Relay Base	1.000	0.000	0.000		1.000	B-H3 Each
320.00	SI0385 25 Way Machine Cont Straight D Skt, 750Vac	1.000	0.000	0.000		1.000	D-X4 Each
330.00	SI0387 9 Way Machine Cont Straight D Plug, 750Vac	1.000	0.000	0.000		1.000	D-X4 Each
340.00	SI0388 9 Way Machine Cont Straight D Skt, 750Vac	1.000	0.000	0.000		1.000	D-X4 Each
350.00	SI0508 24V PSU	1.000	0.000	0.000		1.000	B-H9 Each

Batch Picking List

360.00	SI0524	1.000	0.000	0.000	1.000	D-W3 Each
	3 Way Socket Housing, 2.54mm Pitch					
370.00	SI0534	1.000	0.000	0.000	1.000	B-H9 Each
	3307 Telescopic Slide 457mm L 483mm					
380.00	SI0570	3.000	0.000	0.000	3.000	D-X4 Each
	15 way Solder Contact ZD skt 5A 400 Vac					
390.00	SI0620	1.000	0.000	0.000	1.000	B-H4 Each
	IEC Insulated Cover					
400.00	SI0630	6.000	0.000	0.000	6.000	B-H7 Each
	80mm Fan Guard					
410.00	SI0631	2.000	0.000	0.000	2.000	D-X4 Each
	9 Way D Hood					
420.00	SI0632	2.000	0.000	0.000	2.000	D-X4 Each
	15 Way D Hood					
430.00	SI0685	1.000	0.000	0.000	1.000	D-V4 Each
	20-20 ElectroMagnet Assembly					
440.00	SI0687	1.000	0.000	0.000	1.000	B-J5 Each
	1/8" PTFE Ferrules - Blank					
450.00	SI0697	4.000	0.000	0.000	4.000	B-K3 Each
	MOVPT-1-50 Pneumatic Valve					
460.00	SI0701	2.000	0.000	0.000	2.000	B-J7 Each
	1/4" PTFE Ferrules Pk/1					
470.00	SI0703	7.000	0.000	0.000	7.000	B-J5 Each
	1/8-1/16" PTFE Reducing Ferrule Pk/1					
480.00	SI0710	2.000	0.000	0.000	2.000	B-J9 Each
	VALCO Tee - 1/16					
490.00	SI0762	0.600	0.000	0.000	0.600	B-J6 Each
	PSR16-16 PTFE Sealing Rings Pk/20					
500.00	SI0777	4.000	0.000	0.000	4.000	D-W3 Each
	Nylon Pillars Male-Female M4x25mm					
510.00	SI0793	6.000	0.000	0.000	6.000	B-H7 Each
	80mm DC Fan					
520.00	SI0794	2.000	0.000	0.000	2.000	D-X Each
	Female NIPT D Screwlock assembly, 13mm					
530.00	SI0847	2.000	0.000	0.000	2.000	B-I2 Each
	IEC Cord - Socket					
540.00	SI0895	1.000	0.000	0.000	1.000	B-H1 Each
	Blue Cat5e UTP patch lead, 2m					
550.00	SI0896	1.000	0.000	0.000	1.000	B-H1 Each
	Yellow Cat5e UTP patch lead, 2m					

Batch Picking List

570.00	SI0903 I.E.C Socket Mount	1.000	0.000	0.000	1.000	B-H5 Each
580.00	SI0960 IEC Cord - Plug	1.000	0.000	0.000	1.000	B-I2 Each
590.00	SI0961 System Controller - Electronics Box	1.000	0.000	0.000	1.000	D-V3 Each
600.00	SI1004 Right-Angled Bracket 25mm	2.000	0.000	0.000	2.000	D-W3 Each
610.00	SI1052 3 Way MOLEX Clip	1.000	0.000	0.000	1.000	B-J2 Each
620.00	SI1196 Female NiPt D screwlock assembly, 8mm	6.000	0.000	0.000	6.000	D-X Each
630.00	SI1236 Levelling Foot - M10x38mm	5.000	0.000	0.000	5.000	B-H8 Each
640.00	SI1241 3 Way Solenoid Valve	2.000	0.000	0.000	2.000	B-J4 Each
650.00	SI1244 Seal Kit	1.000	0.000	0.000	1.000	B-J3 Each
660.00	SI1245 SOL Cable	7.000	0.000	0.000	7.000	B-J3 Each
670.00	SI1247 4-Station Manifold - M5	1.000	0.000	0.000	1.000	B-J2 Each
680.00	SI1255 M5 Plug	2.000	0.000	0.000	2.000	B-J3 Each
690.00	SI1328 Mains Filter	1.000	0.000	0.000	1.000	B-H4 Each
700.00	SI1329 24Vdc Power Supply, Switchmode, 2x4inch	1.000	0.000	0.000	1.000	B-H5 Each
710.00	SI1330 Cover Kit for 2x4inch Power Supplies	1.000	0.000	0.000	1.000	B-H5 Each
720.00	SI1331 PSU Connector Kit	1.000	0.000	0.000	1.000	B-H5 Each
730.00	SI1344 IEC Connector Clamp Kit	2.000	0.000	0.000	2.000	B-H4 Each
740.00	SI1418 80mm Fan Screen Filter	6.000	0.000	0.000	6.000	B-H7 Each
750.00	SI1478 Double Flange	1.000	0.000	0.000	1.000	B-H8 Each
760.00	SI1481 4 WAY REF GAS MANIFOLD	1.000	0.000	0.000	1.000	B-J2 Each
770.00	SI1482 34 Way IDC Bump Polarised Socket, 1A	1.000	0.000	0.000	1.000	D-X4 Each

Batch Picking List

780.00	SI1491 IEC Insulation Cover	1.000	0.000	0.000	1.000	B-H4 Each
790.00	SI1513 VFC PCB	1.000	0.000	0.000	1.000	B-O3 Each
800.00	SI1548 4A Fuse, Anti Surge 5x20mm	1.000	0.000	0.000	1.000	B-K7 Each
810.00	SI1580 Source Mounting Pillar	2.000	0.000	0.000	2.000	D-U2 Each
820.00	SI1595 37 Way D Plate	3.000	0.000	0.000	3.000	D-U3 Each
830.00	SI1754 Emag Drive Panel with Cable	1.000	0.000	0.000	1.000	Each
840.00	SI1794 37 Way IDC D Socket - Metal	1.000	0.000	0.000	1.000	D-X4 Each
850.00	SI1795 37 Way IDC D Plug - Metal	2.000	0.000	0.000	2.000	D-X4 Each
860.00	SI1797 Fuse Holder Insulation Cover	2.000	0.000	0.000	2.000	B-H6 Each
870.00	SI1812 E-Mag Screw	3.000	0.000	0.000	3.000	B-I3 Each
880.00	SI1821 3 Port valve	7.000	0.000	0.000	7.000	B-J3 Each
890.00	SI1899 1/16 x M5 Fitting	18.000	0.000	0.000	18.000	B-J6 Each
900.00	SI1900 Dowty Seal - M5	20.000	0.000	0.000	20.000	B-J6 Each
910.00	SI2285 Mag Terminal Cover Black	4.000	0.000	0.000	4.000	B-I3 Each
920.00	SI2288 Internal USB 4.5m	1.000	0.000	0.000	1.000	B-H2 Each
930.00	SI2289 Oil Mist Eliminator	1.000	0.000	0.000	1.000	D-Z6 Each
940.00	SI2294 NW10 x 3/8" Bsp Adapter	1.000	0.000	0.000	1.000	D-Z5 Each
950.00	SI2296 Precision Flow Control	1.000	0.000	0.000	1.000	B-J4 Each
960.00	SI2304 Screwdriver bayonetcap fuseholder 5x20mm	2.000	0.000	0.000	2.000	B-H6 Each
970.00	SI2351 4 Port PCI Express (PCIe) SuperSpeed USB 3.0 Card Adapter	1.000	0.000	0.000	1.000	Area E Each
980.00	SI2352 2 Port Native PCI Express RS232 Serial Card with 16950 UAR	1.000	0.000	0.000	1.000	Area E Each

Batch Picking List

990.00	SI2391 PC Monitor	1.000	0.000	0.000	1.000	Area E Each
1,000.	SI2411 Split cable gland	1.000	0.000	0.000	1.000	B-H2 Each
1,010.	SI2412 KT 5 insert	1.000	0.000	0.000	1.000	B-H2 Each
1,020.	SI2512 3 Metre UK 13 amp Fused plug to IEC C 13	1.000	0.000	0.000	1.000	B-I1 Each
1,030.	SI2529 HP OFFICEJET PRO 6230 Colour InkJet Printer	1.000	0.000	0.000	1.000	Each
1,040.	SI2579 20-22 Cabinet Wave Assy	1.000	0.000	0.000	1.000	C Each
1,050.	SI2614 HS2022 Artwork	1.000	0.000	0.000	1.000	C Each
1,060.	SI2626 C2G 2m USB 2.0 A/B Cable - Black	1.000	0.000	0.000	1.000	Each
1,070.	SI2663 nEXT85 HS2022 KIT	1.000	0.000	0.000	1.000	D-Z Each

Date: 04/04/2022
Time: 13:11:35

Sercon Limited

Page: 1

Batch Picking List

Works Order Number WO01462
BOM Reference 70101/11
BOM Description 20-22 Head Amp Inverter PCB Cable
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
10.00	SI0386 25 Way Machine Cont Straight D Plug, 750Vac	1.000	0.000	1.000	1.000	D-X4 Each
20.00	SI0570 15 way Solder Contact ZD skt 5A 1000 Vac	1.000	0.000	1.000	1.000	D-X4 Each
70.00	SI0599 4 Core Screened Cable 7 x 0.2mm	0.000	0.000	0.000	0.000	D-X6 Each
30.00	SI0632 15 Way Screwdown Cover w/jackscrew,D hood	2.000	0.000	2.000	2.000	D-X4 Each
50.00	SI0900 25 way screwdown cover w/jackscrew,D hood	1.000	0.000	1.000	1.000	D-X4 Each
60.00	SI2242 Inverter PCB	1.000	0.000	1.000	1.000	B-O4 Each
40.00	SI2439 6 Pair Twisted Pair Industrial Cable	0.000	0.000	0.000	0.000	Each

Date: 04/04/2022
Time: 13:10:35

Sercon Limited

Page: 1

Batch Picking List

Works Order Number WO01460
BOM Reference 41902
BOM Description Single channel 100G amp assy
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
20.00	SI0035 Feedthru' Connector	2.000	0.000	2.000	2.000	D-X6 Each
30.00	SI1599 Brass Clip	2.000	0.000	2.000	2.000	D-X Each
40.00	SI1802 M3x8mm Hex Spacer	0.000	0.000	0.000	0.000	B-H2 Each
50.00	SI2235 Head Amp Plate Blank Rev 003	1.000	0.000	1.000	1.000	D-U1 Each
60.00	SI2237 Head amp Cover Rev 003	1.000	0.000	1.000	1.000	D-U1 Each
70.00	SI2253 Brass F-F threaded hex spacer; M3x40mm	0.000	0.000	0.000	0.000	B-H2 Each
80.00	SI2260 15 way IDC DIN41652 class2 D plug	0.000	0.000	0.000	0.000	B-H2 Each
90.00	SI2261 15 way IDC DIN41652 class2 D socket	0.000	0.000	0.000	0.000	B-H2 Each
10.00	SI2527 Single channel 100G amp pcb	1.000	0.000	1.000	1.000	D-U1 Each

Date: 04/04/2022

Sercon Limited

Page: 1

Time: 13:11:06

Batch Picking List

Works Order Number WO01461
BOM Reference 41903
BOM Description Three channel 100M/5G/5G amp assy
Qty Required 1.000
Qty Outstanding 1.000
Manuf.Instructions
Works Order Notes

Sales Order No.

Quantity DueDate

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
20.00	SI0035 Feedthru' Connector	4.000	0.000	4.000	4.000	D-X6 Each
30.00	SI1599 Brass Clip	4.000	0.000	4.000	4.000	D-X Each
40.00	SI1802 M3x8mm Hex Spacer	0.000	0.000	0.000	0.000	B-H2 Each
50.00	SI2235 Head Amp Plate Blank	1.000	0.000	1.000	1.000	D-U1 Each
60.00	SI2237 Head amp Cover	1.000	0.000	1.000	1.000	D-U1 Each
70.00	SI2253 Brass F-F threaded hex spacer, M3x40mm	0.000	0.000	0.000	0.000	B-H2 Each
80.00	SI2260 15 way IDC DIN41652 class2 D plug	0.000	0.000	0.000	0.000	B-H2 Each
90.00	SI2261 15 way IDC DIN41652 class2 D socket	0.000	0.000	0.000	0.000	B-H2 Each
10.00	SI2526 Three channel 100M/5G/5G amp pcb	1.000	0.000	1.000	1.000	D-U1 Each

Works Order Number WO01463
3OM Reference 70101/12
3OM Description 20-22 Source Cable
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

Required By		
Works Order No.	BOM Reference	Quantity

Seq	Product Code	Qty Required	Qty Allocated	Qty Issued	To Issue	Bin Location/UOM
10.00	SI1127 Plug Housing, 9way	1.000	0.000	1.000	1.000	D-U2 Each
20.00	SI1128 Strain Relief, 9way	2.000	0.000	2.000	2.000	D-U2 Each
30.00	SI1157 Cable for Source	0.000	0.000	0.000	0.000	D Each
40.00	SI1334 Crimp pin, mate-n-lok Pk/100	0.000	0.000	0.000	0.000	D-W2 Each
50.00	SI1476 Feedthrough Boss	1.000	0.000	1.000	1.000	D-U2 Each
60.00	SI1477 FeedThrough Boss Cover	1.000	0.000	1.000	1.000	D-U2 Each
70.00	SI1599 Brass Clip	9.000	0.000	9.000	9.000	D-X Each

Batch Picking List

Works Order Number
 3OM Reference
 3OM Description
 Qty Required
 Qty Outstanding
 Manuf.Instructions

 Works Order Notes

WO01464
 70101/13
 Standard Head Amp Cable
 1.000
 1.000
 To be used on
 HD cable for 20/22.1 METER LONG
 ABCA/2 2 METERS LONG.
 INTEGRA/2 1.2 METERS LONG.
 To be used on
 HD cable for 20/22.1 METER LONG
 ABCA/2 2 METERS LONG.
 INTEGRA/2 1.2 METERS LONG.

Sales Order No.
 Quantity DueDate

Drawings				
Reference/Description	Valid From	Valid To	Revision Number	Date

Required By		
Works Order No.	BOM Reference	Quantity

Seq	Product Code	Qty Required	Qty Allocated	Qty Issued	To Issue	Bin Location/UOM
10.00	SI0567 15 Way Solder Contact ZD Plug 5A 400 Vac	1.000	0.000	1.000	1.000	D-X4 Each
20.00	SI0570 15 way Solder Contact ZD skt 5A 400 Vac	1.000	0.000	1.000	1.000	D-X4 Each
30.00	SI0632 15 Way D Hood	2.000	0.000	2.000	2.000	D-X4 Each
40.00	SI2439 6 Pair Twisted Pair Industrial Cable	0.000	0.000	0.000	0.000	Each

7: ASSEMBLY AND TEST RECORD

Client:	Chongqiang University C/O: LabTech		
Quotation Number:	15187	Date:	09/12/2021
Job Number:	IN1274	Date:	11/01/2022

PRODUCT:

CRYOPREP

SERIAL NUMBER:

10802/4-2022/1274

 ASSEMBLED:
 (Name)



Date:

21/4/22

 PRE-TEST
 INSPECTION:
 (Production name)

P. Hays

Date:

21/4/22

 PRE-TEST
 INSPECTION:
 (Test name)

S. Msdh

Date:

21/4/22

 SYSTEM TEST:
 (Name)

S. Msdh

Date:

20/6/22

 PRE-DESPATCH
 INSPECTION:
 (Name)



Date:

20/6/22

P.A.T. Test results

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

Earth Continuity

0.073

Ω

Insulation

> 300

MΩ

Earth Leakage Current

0.70

mA. @

0.05

kVA.

Tested by:

P. Hays

Date:

21/4/22

date: 24/02/2022
time: 13:30:35

Sercon Limited

Batch Picking List

Works Order Number WO01443
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

Required By		
Works Order No.	BOM Reference	Quantity

Seq	Product Code	Qty Required	Qty Allocated	Qty Issued	To Issue	Bin Location/UOM
910.00	SC0085 Cap Kit for Threaded Joints Caps & PTFE Backed Sil Seals pk	2.000	0.000	2.000	2.000	A-B3 Each
920.00	SC2495 Scrubber Tube 220mm	2.000	0.000	2.000	2.000	A-B3 Each
930.00	SI0076 Tube Coupling	4.000	0.000	4.000	4.000	B-15 Each
30.00	SI0196 Reducing Union 1/4 x 1/16 SS	8.000	0.000	8.000	8.000	B-J7 Each
40.00	SI0198 Tee Union 1/16 SS	5.000	0.000	5.000	5.000	B-J7 Each
50.00	SI0205 Bulkhead Union 1/8 SS	2.000	0.000	2.000	2.000	B-J7 Each
60.00	SI0219 VacSeal 3L, all s/steel dewer w/ handle & Lid	1.000	0.000	1.000	1.000	Each
70.00	SI0344 2P red illum round rocker swithc, 10A	1.000	0.000	1.000	1.000	B-H5 Each
80.00	SI0345 SSR Safety Cover	1.000	0.000	1.000	1.000	B-15 Each
90.00	SI0366 Flow Meter	1.000	0.000	1.000	1.000	B-J3 Each
100.00	SI0373 34 Way IDC Terminal Block	1.000	0.000	1.000	1.000	B-H9 Each
110.00	SI0374 Terminal Block Section	14.000	0.000	14.000	14.000	B-H6 Each
120.00	SI0375 Terminal Block End Plate	3.000	0.000	3.000	3.000	B-H6 Each
130.00	SI0406 Push-on Fan Guard, 120mm H x 120mm W	3.000	0.000	0.000	3.000	B-T4 Each

Batch Picking List

140.00	SI0508 24V PSU	1.000	0.000	1.000	1.000	B-H9 Each
150.00	SI0559 Solid State Relay 10A rms 24-280 Vac	1.000	0.000	1.000	1.000	B-I5 Each
160.00	SI0580 Toroidal Transformer 500VA 2x30V o/p	1.000	0.000	1.000	1.000	B-I7 Each
170.00	SI0620 IEC Insulated Cover	1.000	0.000	1.000	1.000	B-H4 Each
180.00	SI0629 120mm Fan Guard	3.000	0.000	3.000	3.000	B-H7 Each
190.00	SI0630 80mm Fan Guard	2.000	0.000	2.000	2.000	B-H7 Each
200.00	SI0701 1/4" PTFE Ferrules	8.000	0.000	8.000	8.000	B-J7 Each
210.00	SI0703 1/8-1/16" PTFE Reducing Ferrule	2.000	0.000	2.000	2.000	B-J5 Each
220.00	SI0704 Rt-Molsieve 5A Plut Column 15m x 0.53ID x 20um	1.000	0.000	1.000	1.000	B-L1 Each
230.00	SI0708 SSUE 16/16 Stainless Steel Union	9.000	0.000	9.000	9.000	B-J9 Each
940.00	SI0708 SSUE 16/16 Stainless Steel Union	1.000	0.000	1.000	1.000	B-J9 Each
1,000.00	SI0730 115V Strip Heater	2.000	0.000	0.000	2.000	B-I6 Each
1,010.00	SI0731 Ceramic Terminal Covers	4.000	0.000	4.000	4.000	B-I6 Each
240.00	SI0733 1100 Deg C Stainless Steel Tube Furnace	1.000	0.000	0.000	1.000	Each
260.00	SI0767 6 Way VALCO	2.000	0.000	0.000	2.000	B-K6 Each
860.00	SI0768 4 Way VALCO	1.000	0.000	1.000	1.000	B-K6 Each
270.00	SI0837 Nafion Dryer	1.000	0.000	1.000	1.000	B-K3 Each
350.00	SI0967 Bottle Rack Shelf Set - 16mm Diameter	1.000	0.000	1.000	1.000	B-M4 Each
360.00	SI1024 Black straight IEC C13-plug lead, 3m 10A	1.000	0.000	0.000	1.000	Each
370.00	SI1052 3 Way MOLEX Clip	1.000	0.000	1.000	1.000	B-J2 Each
380.00	SI1198 Rt-Q-BOND PLOT Column 30m, 0.53mm ID, 20um	1.000	0.000	1.000	1.000	B-L1 Each

Batch Picking List

390.00	SI1241 3 Way Solenoid Valve	6.000	0.000	6.000	6.000	B-J4 Each
950.00	SI1241 3 Way Solenoid Valve	1.000	0.000	1.000	1.000	B-J4 Each
400.00	SI1242 2 Way Solenoid Valve	3.000	0.000	3.000	3.000	B-J4 Each
410.00	SI1255 M5 Plug	2.000	0.000	2.000	2.000	B-J3 Each
420.00	SI1328 Mains Filter	1.000	0.000	1.000	1.000	B-H4 Each
430.00	SI1344 IEC Connector Clamp Kit	1.000	0.000	1.000	1.000	B-H4 Each
440.00	SI1390 Frame	1.000	0.000	1.000	1.000	B-M5 Each
450.00	SI1391 Bottom Shelf	1.000	0.000	0.000	1.000	B-M5 Each
460.00	SI1405 GVF Ferrule 16-008, PK/10	1.000	0.000	1.000	1.000	B-L2 Each
470.00	SI1466 Magnetic catch	2.000	0.000	2.000	2.000	B-T3 Each
480.00	SI1595 37 Way D Plate	1.000	0.000	1.000	1.000	D-U3 Each
490.00	SI1602 Speed Controller (5mm)	6.000	0.000	2.000	6.000	B-K5 Each
500.00	SI1603 Bulkhead Fitting 4mm - 1/8	1.000	0.000	1.000	1.000	B-K5 Each
510.00	SI1604 Male Connctor 1/8 UNION 1/8	1.000	0.000	1.000	1.000	B-K5 Each
520.00	SI1628 6 Way Manifold Assy	1.000	0.000	1.000	1.000	Each
970.00	SI1718 ASX-7400HR SerCon version autosampler	1.000	0.000	1.000	1.000	C Each
540.00	SI1727 8mm Plug	1.000	0.000	1.000	1.000	B-K4 Each
550.00	SI1737 B/bearing axial fan, 119sqx25mm 24V med	3.000	0.000	3.000	3.000	B-H7 Each
980.00	SI1757 EXE-12 Needle For CTAC	1.000	0.000	1.000	1.000	A-G1 Each
990.00	SI1765 CTAC Autosampler Base	1.000	0.000	1.000	1.000	D-V2 Each
590.00	SI1797 Fuse Holder Insulation Cover	1.000	0.000	1.000	1.000	B-H6 Each

Batch Picking List

600.00	SI1799 Type K insulated thermocouple, 1.5x150mm	1.000	0.000	1.000	1.000	B-I8 Each
610.00	SI1804 Rack Ø23 Bottle	1.000	0.000	1.000	1.000	B-M4 Each
620.00	SI1805 Rack Ø41 Bottle	1.000	0.000	1.000	1.000	B-M4 Each
630.00	SI1806 Rack Ø53.5 Bottle	1.000	0.000	1.000	1.000	B-M4 Each
650.00	SI1899 1/16 x M5 Fitting	25.000	0.000	25.000	25.000	B-J6 Each
660.00	SI1900 Dowty Seal - M5	25.000	0.000	25.000	25.000	B-J6 Each
680.00	SI2039 Rack Ø61 Bottle	1.000	0.000	1.000	1.000	B-M4 Each
730.00	SI2244 Male Elbow 4mm to M5	6.000	0.000	2.000	6.000	B-K4 Each
740.00	SI2288 Internal USB 4.5m	1.000	0.000	1.000	1.000	B-H2 Each
750.00	SI2296 Precision Flow Control	3.000	0.000	3.000	3.000	B-J4 Each
760.00	SI2304 Screwdriver bayonetcap fuseholder 5x20mm	1.000	0.000	1.000	1.000	B-H6 Each
810.00	SI2411 Split cable gland	1.000	0.000	1.000	1.000	B-H2 Each
820.00	SI2412 Quick Insert Pk 10	0.100	0.000	0.100	0.100	B-H2 Each
830.00	SI2413 Pneumatic Straight Tube Adapter, Plug In 4mm-8mm	1.000	0.000	1.000	1.000	B-K4 Each
840.00	SI2414 Bulkhead union 1/32 .5mm bore, SS	10.000	0.000	4.000	10.000	Each
350.00	SI2435 Electronic Pressure Regulator	1.000	0.000	0.000	1.000	B-N2 Each
640.00	SI2557 MAGNETICALLY COUPLED RODLESS	3.000	0.000	3.000	3.000	Each
960.00	SI2578 Cryoprep Cabinet Assemble	1.000	0.000	1.000	1.000	C Each
340.00	SI2582 EArth System PCB	1.000	0.000	1.000	1.000	B-O3 Each
1,020.00	SI2656 Snap fit Bushe 38x3.2x27 Black	1.000	0.000	1.000	1.000	Each

ate: 24/02/2022
ime: 13:30:35

Sercon Limited

Page: 5

Batch Picking List

Harry

Date: 22/06/2022

Sercon Limited

Page: 1

Time: 09:43:25

Batch Picking List

Works Order Number WO01518
 BOM Reference 60101/4
 BOM Description verSA 4 (Cryoprep No Plumbing)
 Qty Required 1.000
 Qty Outstanding 1.000
 Manuf. Instructions
 Works Order Notes

Sales Order No.

Quantity DueDate

Baled in 22/6/22

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	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 StarTech 1 Port USB 3.0 Ethernet Adapter, 10/100/1000Mbit/s	1.000	0.000	1.000	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	1.000	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:	Chongqiang University C/O: LabTech		
Quotation Number:	15187	Date:	09/12/2021
Job Number:	IN1274	Date:	11/01/2022

PRODUCT:

Oremid

SERIAL NUMBER:

10402/2-2022/1274.

 ASSEMBLED:
 (Name)

Bun

Date:

21/4/22

 PRE-TEST
 INSPECTION:
 (Production name)

P. Hays.

Date:

21/4/22

 PRE-TEST
 INSPECTION:
 (Test name)

S. Masda

Date:

21/4/22

 SYSTEM TEST:
 (Name)

S. Mas

Date:

20/06/22

 PRE-DESPATCH
 INSPECTION:
 (Name)

Humphrey James Bun

Date:

20/6/22

P.A.T. Test results

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

Earth Continuity

0.079
 Ω

Insulation

>300
 $M\Omega$

Earth Leakage Current

0.80

mA. @

0.05

kVA.

Tested by:

P. Hays

Date:

21/4/22

Date: 17/02/2022

Sercon Limited

Page: 1

Time: 16:18:20

Batch Picking List

Works Order Number WO01439
 BOM Reference 10402/2
 BOM Description Orchid Combustion/Pyrolysis module 1500C
 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
10.00	70901-1 GC-CP Combustion C Spares Kit (Inc. with GC)	1.000	0.000	0.000	1.000	@ Each
20.00	SC0073 Scrubber Tube 6mmODx4mmIDx250mmLong (TG-II) Pk/1	1.000	0.000	0.000	1.000	A-B3 Each
30.00	SC9887 Alumina Tubes 1.6 x 0.8 x 430mm Pk/1>	1.000	0.000	0.000	1.000	A-B4 Each
40.00	SI0198 Tee Union 1/16 SS	5.000	0.000	0.000	5.000	B-J7 Each
50.00	SI0204 Bulkhead Union 1/16 SS	5.000	0.000	0.000	5.000	B-J7 Each
60.00	SI0205 Bulkhead Union 1/8 SS	1.000	0.000	0.000	1.000	B-J7 Each
70.00	SI0373 34 Way IDC Terminal Block	1.000	0.000	0.000	1.000	B-H9 Each
80.00	SI0374 Terminal Block Section	2.000	0.000	0.000	2.000	B-H6 Each
90.00	SI0375 Terminal Block End Plate	1.000	0.000	0.000	1.000	B-H6 Each
100.00	SI0508 24V PSU	1.000	0.000	0.000	1.000	B-H9 Each
110.00	SI0620 IEC Insulated Cover	1.000	0.000	0.000	1.000	B-H4 Each
120.00	SI0630 80mm Fan Guard	2.000	0.000	0.000	2.000	B-H7 Each
130.00	SI0692 Fused Silica Tubing 0.32mm ID 5m	1.000	0.000	0.000	1.000	B-L5 Each
140.00	SI0695 GVF16-005 Graphite/VespeI Ferrule pk/10	1.000	0.000	0.000	1.000	B-L2 Each

Batch Picking List

150.00	SI0707 SSNE-16 Stainless Steel Nut pk/5	2.000	0.000	0.000		2.000	B-L3 Each
160.00	SI0708 SSUE 16/16 Stainless Steel Union	4.000	0.000	0.000		4.000	B-J9 Each
170.00	SI0718 MVSU-005 SS Mini Union	2.000	0.000	0.000		2.000	B-L3 Each
180.00	SI0793 80mm DC Fan	2.000	0.000	0.000		2.000	B-H7 Each
190.00	SI0873 MOVPT-1-100 Pneumatic Valve	1.000	0.000	0.000		1.000	B-K3 Each
200.00	SI1242 2 Way Solenoid Valve	2.000	0.000	0.000		2.000	B-J4 Each
210.00	SI1244 Seal Kit	1.000	0.000	0.000		1.000	B-J3 Each
220.00	SI1245 SOL Cable	1.000	0.000	0.000		1.000	B-J3 Each
230.00	SI1246 2-Station Manifold - M5	1.000	0.000	0.000		1.000	B-J2 Each
240.00	SI1255 M5 Plug	1.000	0.000	0.000		1.000	B-J3 Each
250.00	SI1328 FN9222 Screw mount inlet filter, 15A	1.000	0.000	0.000		1.000	B-H4 Each
260.00	SI1418 80mm Fan Screen Filter	2.000	0.000	0.000		2.000	B-H7 Each
270.00	SI1482 34 Way IDC Bump Polarised Socket, 1A	2.000	0.000	0.000		2.000	D-X4 Each
280.00	SI1492 Red Round Illuminated Rocker Switch	1.000	0.000	0.000		1.000	B-I5 Each
290.00	SI1797 Fuse Holder Insulation Cover	1.000	0.000	0.000		1.000	B-H6 Each
300.00	SI1821 3 Port valve	1.000	0.000	0.000		1.000	B-J3 Each
310.00	SI1854 GVF 16-004 VESPEL FERRULE Pk/10	1.000	0.000	0.000		1.000	B-L3 Each
320.00	SI1899 1/16 x M5 Fitting	6.000	0.000	0.000		6.000	B-J6 Each
330.00	SI1900 Dowty Seal - M5	6.000	0.000	0.000		6.000	B-J6 Each
340.00	SI2074 VSLNU-005 Union	1.000	0.000	0.000		1.000	B-L3 Each
350.00	SI2112 SSUT-4-16-16 UNION TEE	2.000	0.000	0.000		2.000	B-L2 Each

Batch Picking List

360.00	SI2113 GVF 4-4 VESP FERRULE Pk/10	1.000	0.000	0.000	1.000	B-L3 Each
370.00	SI2144 Silflow 3 Port Splitter Kit	2.000	0.000	0.000	2.000	Each
380.00	SI2288 Internal USB 4.5m	1.000	0.000	0.000	1.000	B-H2 Each
390.00	SI2296 Precision Flow Control	3.000	0.000	0.000	3.000	B-J4 Each
400.00	SI2302 GFF 16-16 Pk5	1.000	0.000	0.000	1.000	B-L1 Each
410.00	SI2304 Screwdriver bayonetcap fuseholder 5x20mm	1.000	0.000	0.000	1.000	B-H6 Each
420.00	SI2326 Orchid Front Plate Rev001	1.000	0.000	0.000	1.000	Each
430.00	SI2327 Orchid Bulkhead Name Plate Rev001	1.000	0.000	0.000	1.000	D-U3 Each
440.00	SI2411 Split cable gland	1.000	0.000	0.000	1.000	B-H2 Each
450.00	SI2412 Quick Insert Pk 10	0.100	0.000	0.000	0.100	B-H2 Each
460.00	SI2435 Electronic Pressure Regulator	1.000	0.000	0.000	1.000	B-N2 Each
470.00	SI2507 Independent overtemperature protection	1.000	0.000	0.000	1.000	Each
480.00	SI2512 3 Metre UK 13 amp Fused plug to IEC C 13	1.000	0.000	0.000	1.000	B-I1 Each
490.00	SI2533 Silicon Carbide Horizontal tube furnace model TSH15/16/125	1.000	0.000	0.000	1.000	Each
500.00	SI2565 System Control Unit issue 002	1.000	0.000	0.000	1.000	C Each
510.00	SI2573 System Control Rear	1.000	0.000	0.000	1.000	D-U3 Each
520.00	SI2575 Orchid Internal Plate	1.000	0.000	0.000	1.000	D-U3 Each
530.00	SI2576 Orchid Top Rear	1.000	0.000	0.000	1.000	D-U3 Each
540.00	SI2582 EArth System PCB	1.000	0.000	0.000	1.000	B-O3 Each
550.00	SI2592 Orchid Artwork	1.000	0.000	0.000	1.000	C Each
560.00	SI2652 Valve Adapter Plate	2.000	0.000	0.000	2.000	D-U3 Each

Batch Picking List

Works Order Number
 BOM Reference
 BOM Description
 Qty Required
 Qty Outstanding
 Manuf.Instructions
 Works Order Notes

WO01465
 10901
 Nitrogen option, includes reduction furnace
 1.000
 1.000

Sales Order No.
 Quantity DueDate

Drawings			
Reference/Description	Valid From	Valid To	Revision Number

Required By		
Works Order No.	BOM Reference	Quantity

Seq	Product Code	Qty Required	Qty Allocated	Qty Issued	To Issue	Bin Location/UOM
30	71301-1 GC-CP Combustion N Spares Kit (incl with 10901)	1.000	0.000	1.000	1.000	Each
20	SI0218 VacSeal 1L, Squat all ss Dewar w/handle & lid	1.000	0.000	1.000	1.000	Each
10	SI0736 VCTFI / 3216 Furnace, Horizontally Mounted	1.000	0.000	1.000	1.000	B-M2 Each