

7: ASSEMBLY AND TEST RECORD

Client:	BML C/O: Taiyo Nippon Sanso Corporation		
Quotation Number:	15542	Date:	25/08/2021
Job Number:	IN1268	Date:	16/11/2021

 PRODUCT: ABCA 2

 SERIAL NUMBER: 206022-2021/1268

 ASSEMBLED: *Hayes* (Name)

 Date: 3/9/21

 PRE-TEST INSPECTION: P. Hayes (Production name)

 Date: 3/9/21

 PRE-TEST INSPECTION: LEE MARTIN (Test name)

 Date: 03-SEP-21

 SYSTEM TEST: S. Moss (Name)

 Date: 22/11/21

 PRE-DESPATCH INSPECTION: *James Jones* (Name)

 Date: 9/12/21

P.A.T. Test results

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

 Earth Continuity 0.070 Ω

 Insulation >300 $M\Omega$

 Earth Leakage Current 1.70 mA. @ 0.08 kVA

 Tested by: P. Hayes

 Date: 3/9/21

Date: 03/09/2021
Time: 11:13:27

Sercon Limited

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Batch Picking List

Works Order Number WO01335

Sales Order No.

Quantity DueDate

BOM Reference 20602/1

BOM Description ABCA2 220-240 VOLTS (E)

Qty Required 1.000

Qty Outstanding 1.000

Manuf. Instructions

Works Order Notes

CHANGED TO 110V
110V PUMP TAKEN OUT
OF STOCK 6/12/21 Paul IN 8/9/21

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	20101 Standard 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	41903 Three channel 100M/5G/5G amp assy	1.000	0.000	0.000	1.000	D-U1 Each
40.00	70101/12 20-22 Source Cable	1.000	0.000	0.000	1.000	B-H1 Each
50.00	70101/13 Standard Head Amp Cable	1.000	0.000	0.000	1.000	B-H1 Each
60.00	SI0006 20-20 Single Pump Flight Tube	1.000	0.000	1.000	1.000	D-Z Each
70.00	SI0022 Capillary Crimp Parts A & B	1.000	0.000	1.000	1.000	B-I4 Each
80.00	SI0048 Magnet Adjusting Screw	3.000	0.000	3.000	3.000	B-I3 Each
90.00	SI0049 Big Magnet Adjusting Foot	1.000	0.000	1.000	1.000	B-I3 Each
100.00	SI0050 Magnet Foot	2.000	0.000	2.000	2.000	B-I3 Each
110.00	SI0101 Columax Magnet	1.000	0.000	1.000	1.000	D-V4 Each
120.00	SI0112 NW10/16 Clamping Ring Stainless Steel - Edwards	1.000	0.000	1.000	1.000	D-Z5 Each
130.00	SI0113 NW10/16 Adapt/Cent Viton® SS - Edwards	1.000	0.000	1.000	1.000	D-Z5 Each
140.00	SI0204 Bulkhead Union 1/16 SS	3.000	0.000	3.000	3.000	B-J7 Each

Batch Picking List

150.00	SI0344 2P red illum round rocker swithc, 10A	3.000	0.000	3.000		3.000	B-H5 Each
160.00	SI0346 SPCO Plug-in Power Relay, 10A 24V DC Coil	1.000	0.000	1.000		1.000	B-H3 Each
170.00	SI0347 DIN Rail Socket For SPCO G2R-1 Relay	1.000	0.000	1.000		1.000	B-H3 Each
180.00	SI0355 DPCO Plug-in Relay, 10A 24V DC Coil	1.000	0.000	1.000		1.000	B-H3 Each
190.00	SI0373 34 Way IDC Header DIN Rail Terminal	1.000	0.000	1.000		1.000	B-H9 Each
200.00	SI0374 Connector,Terminal,Screw,Single Pole,Interlocking,Tab/Tab	4.000	0.000	4.000		4.000	B-H6 Each
210.00	SI0375 Connector,Terminal,Screw,Single Pole,Interlocking, End Plate	2.000	0.000	2.000		2.000	B-H6 Each
220.00	SI0376 DIN/Surface Socket For 6A DPCO Relay	1.000	0.000	1.000		1.000	B-H3 Each
230.00	SI0385 25 Way Machine Cont Straight D Skt, 750Vac	1.000	0.000	1.000		1.000	D-X4 Each
240.00	SI0388 9 Way Machine Cont Straight D Skt, 750Vac	1.000	0.000	1.000		1.000	D-X4 Each
250.00	SI0508 TIS DIN Rail Univ Input SMPSU 24V 300W	1.000	0.000	1.000		1.000	B-H9 Each
260.00	SI0534 3307 Telescopic Slide 457mm L 483mm	1.000	0.000	1.000		1.000	B-H9 Each
270.00	SI0570 15 way Solder Contact ZD skt 5A 1000 Vac	2.000	0.000	2.000		2.000	D-X4 Each
280.00	SI0630 Axial fan finger guard 80Hx80Wmm	7.000	0.000	7.000		7.000	B-H7 Each
290.00	SI0631 9 Way D Hood	1.000	0.000	1.000		1.000	D-X4 Each
300.00	SI0632 15 Way D Hood	1.000	0.000	1.000		1.000	D-X4 Each
310.00	SI0687 1/8" PTFE Ferrules - Blank	1.000	0.000	1.000		1.000	B-J5 Each
320.00	SI0697 MOVPT-1-50 Pneumatic Valve	1.000	0.000	1.000		1.000	B-K3 Each
330.00	SI0703 1/8-1/16" PTFE Reducing Ferrule	1.000	0.000	1.000		1.000	B-J5 Each
340.00	SI0756 Connector, Crimp Terminal, Adaptor, Male-Male	10.000	0.000	10.000		10.000	D-W1 Each
350.00	SI0762 PSR16-16 PTFE Sealing Rings Pk/20	0.200	0.000	0.000		0.200	B-J6 Each

Batch Picking List

360.00	SI0777	4.000	0.000	4.000	4.000	D-W3
	Spacer,circular,Nylon,M4,tapped/studded,25mm					Each
370.00	SI0793	7.000	0.000	7.000	7.000	B-H7
	Fan,axial,DC,80mm sqx15mm,3000rpm,53.0cu.m/h 24V					Each
380.00	SI0895	1.000	0.000	1.000	1.000	B-H1
	Blue Cat5e UTP patch lead, 2m					Each
390.00	SI0900	1.000	0.000	1.000	1.000	D-X4
	25 Way D Hood					Each
400.00	SI0903	1.000	0.000	1.000	1.000	B-H5
	I.E.C Socket Mount					Each
410.00	SI0960	1.000	0.000	1.000	1.000	B-I2
	IEC Cord - Plug					Each
420.00	SI0961	1.000	0.000	1.000	1.000	D-V3
	IRMS Electronics, basic unit plus Clk/Handshake PCB					Each
430.00	SI1004	1.000	0.000	1.000	1.000	D-W3
	Right-Angled Bracket 25mm					Each
440.00	SI1241	1.000	0.000	1.000	1.000	B-J4
	Solenoid Valve.3-Port.					Each
450.00	SI1244	1.000	0.000	1.000	1.000	B-J3
	Seal Kit					Each
460.00	SI1245	1.000	0.000	1.000	1.000	B-J3
	SOL Cable					Each
470.00	SI1246	1.000	0.000	1.000	1.000	B-J2
	2-Station Manifold - M5					Each
480.00	SI1255	1.000	0.000	1.000	1.000	B-J3
	M5 Plug					Each
490.00	SI1328	1.000	0.000	1.000	1.000	B-H4
	FN9222 Screw mount inlet filter, 15A					Each
500.00	SI1329	1.000	0.000	1.000	1.000	B-H5
	RPS-60 Series SMPSU, 24V 2.5A					Each
510.00	SI1330	1.000	0.000	1.000	1.000	B-H5
	Cover kit for 2x4inch power supplies					Each
520.00	SI1331	1.000	0.000	1.000	1.000	B-H5
	Connector kit, VHR-3N,VHR-4N,BVH-21T-P1.1					Each
530.00	SI1344	2.000	0.000	2.000	2.000	B-H4
	IEC connector retaining clamp kit, KT0006					Each
540.00	SI1364	2.000	0.000	2.000	2.000	B-H8
	SOSS 101 Invisible Hinge 43x10mm					Each
550.00	SI1375	1.000	0.000	1.000	1.000	B-K7
	Anti surge T HBC min fuse,3.15A 5x20mm					Each
560.00	SI1418	3.000	0.000	3.000	3.000	B-H7
	Metal EMC screen filter, 80Hx80Wmm					Each

Batch Picking List

570.00	SI1478 Double Flange	1.000	0.000	1.000	1.000	B-H8 Each
580.00	SI1482 34 Way IDC Bump Polarised Socket, 1A	1.000	0.000	1.000	1.000	D-X4 Each
590.00	SI1548 Anti surge T LBC min fuse, 4A 5x20mm	1.000	0.000	1.000	1.000	B-K7 Each
600.00	SI1579 Door Pin	1.000	0.000	1.000	1.000	B-H8 Each
610.00	SI1580 Source Block Stud	2.000	0.000	2.000	2.000	D-U2 Each
620.00	SI1594 15 Way D Plate	1.000	0.000	1.000	1.000	D-U3 Each
630.00	SI1595 37 Way D Plate	1.000	0.000	1.000	1.000	D-U3 Each
640.00	SI1693 Non Magnetic Catch	1.000	0.000	1.000	1.000	B-H8 Each
650.00	SI1743 ABCA 2 Cabinet	1.000	0.000	1.000	1.000	B Each
660.00	SI1758 ABCA 2 FLIGHT TUBE BASE	1.000	0.000	1.000	1.000	D-Z Each
670.00	SI1759 ABCA 2 MAGNET BASE	1.000	0.000	1.000	1.000	D-Z Each
680.00	SI1792 Jack Screw Mounting Kit	1.000	0.000	1.000	1.000	D-X4 Each
690.00	SI1793 37 Way IDC D Hood	1.000	0.000	0.000	1.000	D-X4 Each
700.00	SI1794 37 Way IDC D Socket - Metal	1.000	0.000	1.000	1.000	D-X4 Each
710.00	SI1795 37 Way IDC D Plug - Metal	1.000	0.000	1.000	1.000	D-X4 Each
720.00	SI1821 3 Port valve	1.000	0.000	1.000	1.000	B-J3 Each
740.00	SI1899 1/16 x M5 Fitting	4.000	0.000	4.000	4.000	B-J6 Each
750.00	SI1900 Dowty Seal - M5	4.000	0.000	4.000	4.000	B-J6 Each
760.00	SI1919 Power cord C13 bottom angle one end 2m	1.000	0.000	1.000	1.000	B-I2 Each
770.00	SI2288 Internal USB 4.5m	1.000	0.000	1.000	1.000	B-H2 Each
780.00	SI2289 Oil Mist Eliminator	1.000	0.000	1.000	1.000	D-Z6 Each

Date: 03/09/2021
Time: 11:13:27

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Batch Picking List

790.00	SI2294 NW10 x 3/8" Bsp Adapter	1.000	0.000	1.000	1.000	D-Z5 Each
800.00	SI2304 Screwdriver bayonetcap fuseholder 5x20mm	2.000	0.000	2.000	2.000	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	1.000	0.000	1.000	1.000	B-H2 Each
840.00	SI2477 ABCA2 Door Graphic	1.000	0.000	1.000	1.000	C Each
830.00	SI2512 3 Metre UK 13 amp Fused plug to IEC C 13	1.000	0.000	0.000	1.000	B-I1 Each
730.00	SI2662 nEXT85 ABCA KIT	1.000	0.000	1.000	1.000	D-Z Each

ate: 07/09/2021
ime: 14:08:31

Sercon Limited

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Batch Picking List

Works Order Number WO01338
3OM Reference 41903
3OM 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

John

Send in 7/9/21

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

Date: 07/09/2021
Time: 14:08:53

Sercon Limited

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Batch Picking List

Works Order Number WO01339
BOM Reference 70101/12
BOM Description 20-22 Source Cable
Qty Required 1.000
Qty Outstanding 1.000
Manuf.Instructions
Works Order Notes

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Sales Order No.

Quantity DueDate

End in 7/9/21

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
10.00	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

ate: 07/09/2021
ime: 14:09:25

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Sercon Limited

Page: 1

Batch Picking List

Works Order Number WO01340
BOM Reference 70101/13
BOM Description Standard Head Amp Cable
Qty Required 1.000
Qty Outstanding 1.000
Manuf.Instructions To be used on
HD cable for 20/22.1 METER LONG
ABCA/2 2 METERS LONG.
INTEGRA/2 1.2 METERS LONG.
Works Order Notes 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

End 11 7/9/21

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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<u>Seq</u>	<u>Product Code</u>	<u>Qty Required</u>	<u>Qty Allocated</u>	<u>Qty Issued</u>	<u>To Issue</u>	<u>Bin Location/UOM</u>
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

ate: 06/12/2021
ime: 09:04:47

Sercon Limited

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Batch Picking List

Works Order Number WO01345
BOM Reference 20602
BOM Description ABCA2 SYSTEM
Qty Required 1.000
Qty Outstanding 1.000
Manuf.Instructions
Works Order Notes

Sales Order No.

Quantity DueDate

Booked in 6/12/21

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
10.00	10502/1 ABCA2 Sercon XYZ Autosampler	1.000	0.000	1.000	1.000	D Each
20.00	10602 ABCA 2 GAS BOX	1.000	0.000	1.000	1.000	D Each
30.00	20602/1 ABCA2 220-240 VOLTS	1.000	0.000	1.000	1.000	Each
40.00	70101-1 ABCA2 spares kit (supp. with ABCA2)	1.000	0.000	1.000	1.000	Z Each
50.00	SI0155 Windows 7 based data system	1.000	0.000	1.000	1.000	Area E Each
90.00	SI2391 PC Monitor	1.000	0.000	1.000	1.000	Area E Each

SWAPPED FOR 110V UNIT

*110V PUMP TAKEN OUT OF STOCK
240V PUMP PUT BACK INTO STOCK*

7: ASSEMBLY AND TEST RECORD

Client:	BML C/O: Taiyo Nippon Sanso Corporation		
Quotation Number:	15542	Date:	25/08/2021
Job Number:	IN1268	Date:	16/11/2021

PRODUCT:

X72 AUTOSAMPLER ASSY

SERIAL NUMBER:

052114A7400HR.

 ASSEMBLED:
 (Name)

P. Hayes

Date:

3/9/21

 PRE-TEST
 INSPECTION:
 (Production name)

David Harris

Date:

3/9/21

 PRE-TEST
 INSPECTION:
 (Test name)

David Harris

Date:

03 Sep 21

 SYSTEM TEST:
 (Name)

David Harris

Date:

22 Sep 21

 PRE-DESPATCH
 INSPECTION:
 (Name)

James from Ann

Date:

9/12/21
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:

Works Order Number WO01344
 BOM Reference 10502/1
 BOM Description ABCA2 XYZ AUTOSAMPLER
 Qty Required 1.000
 Qty Outstanding 1.000
 Manuf.Instructions
 Works Order Notes

Sales Order No. Quantity DueDate

Picked in 8/9/21

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	SI0708 SSUE 16/16 Stainless Steel Union	1.000	0.000	1.000	1.000	B-J9 Each
20.00	SI0762 PSR16-16 PTFE Sealing Rings Pk/20	0.100	0.000	0.100	0.100	B-J6 Each
30.00	SI1718 ASX-7400HR SerCon version autosampler	1.000	0.000	1.000	1.000	C Each
40.00	SI1730 ABCA CTAC Needle	1.000	0.000	1.000	1.000	A-G1 Each
50.00	SI1768 ABCA 2 CTAC Base	1.000	0.000	1.000	1.000	D-V2 Each
60.00	SI1770 ABCA 2 CTAC Tube Racks	5.000	0.000	5.000	5.000	D-V2 Each
70.00	SI1788 Tubing Tamers (\$15)	2.000	0.000	2.000	2.000	B-I4 Each