

MATERIAL LIST		REV.	A	B	C	D	E	F	MODEL AS-120									
									SHEET 1 OF 11									
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS											
				USED ON	USED TO MOUNT	QUAN.												
		ELECTRICAL/MECHANICAL																
2	BB-118-31	Bearing, Flange Type																
3	BB-118-32	Bearing, Flange Type																
1	BB-118-33	Bearing, Flange Type																
1	BB-118-34	Bearing, Flange Type																
2	BB-123-1	Bearing, Cylindrical																
1	BB-123-13	Bearing, Cylindrical																
1	CS-125	Casting, PM-661	PM-661															
1	FP-175	CL-223 Machining	CL-223															
1	FP-180	Strap, Connecting, Rotor		AX-353														
1	FP-191	CL-278 Machining	CL-278															
3	GA-140-3T8	Washer, Teflon		AS-120														
1	GR-151-1	Gear, Worm Wheel		A-2024			MP7303											
1	GR-151-3	Gear, Worm		A-2024			MP7302											
1	KY-102-2-0.750SS	Key, Square, 1/8 x 1/8 x 3/4 Long		A-2024														
1	KY-103-3-0.750SS	Key, Flat, 1/8 x 3/16 x 3/4 Long		AX-353														
1	KY-103-6-1.000SS	Key, Flat, 1/4 x 3/8 x 1 Long		AS-120														
2	KY-103-6-2.062SS	Key, Flat, 1/4 x 3/8 x 1-1/16 Long		AS-120														
2	MS-154-1	Plate, Straddle		A-2024														
1	MS-202-22-3.250	Strap, Connecting		AX-353														
2	MS-1982	Bracket, Support, Coil & Wafer		AS-120														
1	MS-2115	Strap, Contact, Bandsw. to Load Cap.		AS-120														
1	MS-2195	Plate, Rotor Contact		AX-353														
1	MS-2313	Strap, Rotor Shorting		AX-353														

MATERIAL LIST		REV.	A	B	C	D	E	F	MODEL	AS-120	
									SHEET	2	OF 11
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS				
				USED ON	USED TO MOUNT	QUAN.					
1	MS-2474	Plate, Gear Assembly		A-2024		1					
1	MS-2480	Base, PA Bandswitch		AS-120		1					
64	MS-2629-1	Contact, Pi Sec., Bandswitch		AX-267		64					
24	MS-2629-2	Contact, Bandswitch		AX-339		24					
32	MS-2630-1	Spring, Pressure, Contact		AX-267		32					
12	MS-2630-2	Spring, Pressure, Contact		AX-339		12					
1	MS-2632	Bracket, Support, Wafer		AS-120		1					
1	MS-2633-1	Baffle, Wafer Contact		AS-120		1					
1	MS-2633-2	Baffle, Wafer Contact		AS-120		1					
1	MS-2664	CL-276 Machining	CL-276								
2	NT-131	Nut, Round, Knurled		AX-353		2					
1	PM-587	Holder, Bearing		AX-353		1					
3	PM-590	Bracket, Support, Rod, Bottom		AS-120		3					
1	PM-591	Hub, Bottom		A-2024		1					
11	PM-598-2	Bracket, Wafer, RF Bandswitch		AX-267		8					
				AX-268		3					
1	PM-608	Shaft, Actuator Bushing		A-2024		1					
1	PM-615	Holder, Hub Bearing		A-2024		1					
1	PM-616	Shaft, Locking		A-2024		1					
1	PM-617	Bushing, Actuator		A-2024		1					
1	PM-640	Hub, Shaft, Top Switch, Top		AX-353		1					
3	PM-643	Nut, Round, Barrel		A-1992-1		2					
				A-1992-2		1					
1	PM-661	Chassis, Gear Assembly	CS-125 LD-983	A-2024		1					
1	PM-673	Coupling, Drive Shaft		A-2024		1					
1	PM-674	Shaft, Worm Gear		A-2024		1					
1	PM-675-1	Bearing, Flanged		PM-661		1					
1	PM-675-2	Bearing, Flanged		PM-661		1					

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	A	B	C	D	E	F	MODEL	AS-120	
									SHEET	3	OF 11
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS				
				USED ON	USED TO MOUNT	QUAN.					
		ELECTRICAL/MECHANICAL									
1	PM-676	Shaft, Driveswitch		A-2024		1					
1	PM-698	Pressure Cup, Wiper Contact		AX-268		1					
16	PM-699	Bar, Tie Down		AX-267		16					
16	PM-700	Holder, Contact		AX-267		16					
1	PM-701	Retainer, Spring & Contact		AX-268		1					
44	PM-702	Slug, Contact		AX-267		32					
				AX-339		12					
44	PM-704	Spacer, Contact		AX-267		32					
				AX-339		12					
1	PM-705	RO-102 Machining	RO-102			1					
1	PM-709-1	Contact, Wiper, Bandswitch, Top		AX-268		1					
1	PM-709-2	Contact, Wiper, Bandswitch, Bottom		AX-268		1					
6	PM-733	Post, Contact Support		AX-339		6					
1	PM-734	Contact, Common support		AX-353		1	E7329				
12	PM-735	Bar, Support, Contact		AX-339		12					
1	PM-736	RO-103 Machining	RO-103			1					
1	PM-823-1	Clamp, Shorting		AS-120		1					
1	PN59-125-12	Pin, Spring		A-2024		1					
2	PX-506-1	Insulator, Support Rod		A-1992-1		2					
1	PX-506-2	Insulator, Support Rod		A-1992-2		1					
1	PX-538	Shaft, Mainswitch		AS-120		1	MP7301				
1	PX-544-5	Insulator, Terminal Strip		A-2024		1					
15	PX-550	Spacer, Wafer, Support Rod		AS-120		15					
88	SM1032BP0.750	Rod, Threaded		PM-598-2		88					
3	SM2520BS2.3755	Rod, Threaded		A-1992-1		2					
				A-1992-2		1					

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MATERIAL LIST		REV.	A	B	C	D	E	F	MODEL	AS-120
		REV.							SHEET	4 OF 11
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS			
				USED ON	USED TO MOUNT	QUAN.				
8	SP-116-S	Spring, Compression, Wiper		AX-268		8				
1	SP-140	Spring, Actuator Shaft		A-2024		1				
1	SW-189	Switch, Micro		A-2024		1	S7304			
1	SZ-100	Solenoid, Relay w/ lug		A-2024		1	L7310			
12	TE-117-39	Spacer, Standoff		AX-339		12				
8	TE0832AE52R	Spacer, Threaded		AX-268		8				
1	TM-102-5	Terminal Board		A-2024		1	E7302			
1	WS-107	Wafer, Switch, Pi Section		AX-266		1	E7321			
1	WS-125	Wafer, Switch, "L" Section		AX-353		1	E7328			
4	LWE06MRN	Washer, Lock, External		A-2024		4				
4	LWS10MRN	Washer, Lock, External		A-2024		4				
				AS-120		12				
				AX-339		12				
				AX-353		14				
3	LWI10MRN	Washer, Lock, Internal		A-2024		3				
44	LWS04MRN	Washer, Lock, Split		AX-267		32				
				AX-268		12				
15	LWS10MRN	Washer, Lock, Split		AS-120		2				
				AX-294		11				
				AX-353		2				
24	LWS10MEP	Washer, Lock, Split		AX-268		24				

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MATERIAL LIST		REV.	A	B	C	D	E	F								MODEL	AS-120		
																SHEET	6	OF	11
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
		HARDWARE																	
33	LWS25MRN	Washer, Lock, Split		A-2024		7													
				AS-120		25													
				AX-353		1													
2	LWS25MRP	Washer, Lock, Split		AS-120		2													
2	NH-131	Nut, Hexagon		AX-267		2													
88	NTG1032BPL	Nut, Cap		AX-267		64													
				AX-268		24													
44	NTH0440BN6	Nut, Hexagon		AX-267		32													
				AX-268		12													
12	NTH1032BN10	Nut, Hexagon		AX-339		12													
14	NTH1032BN12	Nut, Hexagon		AS-120		14													
32	NTH1032BP12	Nut, Hexagon		AX-267		32													
9	NTH2520BN14	Nut, Hexagon		AS-120		9													
2	NTH2520BP14	Nut, Hexagon		AS-120		2													
2	NTH3124BN16	Nut, Hexagon		A-2024		2													
2	SCBP0440BN10	Screw, Machine		A-2024		2													
45	SCBP0440BN16	Screw, Machine		A-2024		1													
				AX-267		32													
				AX-268		12													
4	SCBP0632BN12	Screw, Machine		A-2024		4													
8	SCBP0832BN20	Screw, Machine		AX-268		8													

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	ABCDEF													MODEL	AS-120
														SHEET	7	OF	11
QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS										
				USED ON	USED TO MOUNT	QUAN.											
6	SCBP1032BN6	Screw, Machine		A-2024		4											
				AX-353		2											
12	SCBP1032BN8	Screw, Machine		A-2024		1											
				AX-294		11											
24	SCBP1032BN14	Screw, Machine		AX-339		24											
14	SCBP1032BN16	Screw, Machine		AX-353		14											
8	SCBP1032BN24	Screw, Machine		AS-120		8											
1	SCBP2520BN8	Screw, Machine		AX-353		1											
3	SCFP0832BN14	Screw, Machine		AX-353		3											
44	SCFP1032BP8	Screw, Machine		AX-267		32											
				AX-339		12											
7	SCFP1032BN12	Screw, Machine		AS-120		6											
				PM-823		1											
6	SCFP2520BN8	Screw, Machine		AS-120		6											
3	SCHH1032BN10	Screw, Machine		A-2024		3											
17	SCHH2520BN8	Bolt, Machine		AS-120		17											
7	SCHH2520BN12	Bolt, Machine		A-2024		7											
5	SCHH2520BN36	Bolt, Machine		AS-120		5											
2	SCHH2520BP40	Bolt, Machine		AS-120		2											
1	SLHC0832SP6	Setscrew		A-2024		1											
1	SLHC1032SP3	Setscrew		A-2024		1											
2	SLHC1032SP4	Setscrew		A-2024		2											
2	SLHC1032SP5	Setscrew		AX-266		2											
3	SLHC1032SP6	Setscrew		A-2024		1											
				AX-353		2											

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST

REV.

A B C D E F

MODEL AS-120

SHEET 8 OF 11

QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
1	SM127D440	Nut, Stop, Elastic		A-2024		1	
5	TE-120-2	Lug, Terminal		CA-409-34		1	
				CA-409-35		1	
				CA-409-63		1	
				CA-409-64		1	
				CA-409-65		1	
2	WA-109-18	Washer, Fiber, No. 4		A-2024		2	

MATERIAL LIST		REV.	A B C D E F										MODEL	AS-120		
													SHEET	9	OF	11
QUAN. PER UNIT	PART NO.	DESCRIPTION RAW MATERIALS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
X	BS-100	Solder, Soft		CA-409		X										
				A-2024		X										
0-5	MWC22(7)U2	Wire, Electrical	Red	CA-409-63		0-5										
0-5	MWC22(7)U3	Wire, Electrical	Orange	CA-409-65		0-5										
0-5	MWC22(7)U91	Wire, Electrical	Wh/Brown	CA-409-35		0-5										
0-5	MWC22(7)U92	Wire, Electrical	Wh/Red	CA-409-64		0-5										
0-5	MWC22(7)U97	Wire, Electrical	Wh/Violet	CA-409-34		0-5										

MATERIAL LIST		REV.	A	B	C	D	E	F								MODEL	AS-120		
																SHEET	10	OF	11
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
SUPPORTING DRAWINGS																			
2	A-1992-1	Support Rod Assembly		AS-120		2	E7309, 7310												
1	A-1992-2	Support Rod Assembly		AS-120		1	E7308												
1	A-2024	Gear Box Assembly, Bandswitch		AS-120		1	A7306												
1	AS-120 (NO.A)	Bandswitch & Coil Assembly					A7304												
1	AX-266 (NO.A)	Switch Sect., Rotary, "Pi" Section		AS-120		1	S7307, 7307												
8	AX-267 (NO.A)	Button Contact Assembly, Double		AX-266		8	E7312 thru E7319												
1	AX-268 (NO.A)	Wiper Contact Assembly		AX-266		1	E7311												
1	AX-294 (A-2199)	Switch Section & Coil Assembly, "L" Sect.		AS-120		1	A7305												
6	AX-339 (A-2251)	Button Contact Assembly, Single		AX-353		5	E7322 thru E7326												
				AX-353		1	E7333												
1	AX-353 (A-2427)	Switch Section, Rotary, "L" Section		AX-294		1	S7308												
1	CA-409-34-5.00	Lead, Electrical		A-2024		1													
1	CA-409-35-5.00	Lead, Electrical		A-2024		1													
1	CA-409-63-5.00	Lead, Electrical		A-2024		1													
1	CA-409-64-5.00	Lead, Electrical		A-2024		1													
1	CA-409-65-5.00	Lead, Electrical		A-2024		1													
1	CH-243	Chart, Unit Breakdown																	
1	CL-223 (FP-175)	Coil, RF, 19-24 mc, "L" Section	FP-175	AX-294		1	L7308												
1	CL-276 (MS-2664)	Coil, RF, 19-24 mc, "Pi" Section	MS-2664	AS-120		1	L7313												
1	CL-277 (A-2196)	Coil, RF, 2-19 mc, Main Tank	A-2196	AS-120		1	L7314												
1	CL-278 (FP-191)	Coil, RF, 24-28 mc, "L" Section	FP-191	AX-294		1	L7316												
1	CL-279 (A-2200)	Coil, RF, 2-19 mc, "L" Section	A-2200	AX-294		1	L7315												
1	LD-983	Lettering, PM-661		A-2024		1													
1	RO-102 (PM-705)	Rotor Switch, "Pi" Section	PM-705	AX-266		1	E7320												
1	RO-103 (PM-736)	Rotor Switch, "L" Section	PM-736	AX-353		1	E7327												

MATERIAL LIST

REV. A B C D E F

MODEL AS-120

SHEET 11 OF 11

QUAN. PER UNIT	PART NO.	DESCRIPTION SPECIFICATIONS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
	S-675	Inspection Procedure					

