

# ALL AMAT CAN SELL PARTS LIST

Item	Parts Description	Part No.	Q'ty	Unit	Layer	Rack	Remark
<b>ASSEMBLIES</b>							
1	PSU XANTREX 600V- 2.0A (Bias PSU, XHR 600 - 2)	1140-90180 (00152)	2	EA	C	3	Can Sell 1
2	CHASSIS WIRED DAQ PDU	0090-91193	1	EA	D	3	
3	LOW ENERGY PRE A PSU (9500)	0090-91917	2	EA	D	3	
4	PSU XANTREX 150V- 7A ( ARC PSU XHR 150-7)	1140-90181 (00153)	2	EA	D	3	Can Sell 1
5	PSU XANTREX 7.5 - 80A ( Filament PSU XHR 7.5-80)	1140-90182 (00154)	1	EA	D	3	Can Sell 1
6	DECEL	0090-91443	2	EA	D	3	Can Sell 1
7	BEAMLINE INTERLOCK BOX	0090-91409	1	EA	A	4	
8	VME Not Complete M/B,CPU PCB,Case & Rear Conn	9090-00227	1	EA	A	4	
9	EXTRACTION SUPPRESSION BOX	0010-91816	1	EA	A	4	
10	WFR / LOADER DOORMECHANISM	0240-96297	1	EA	A	4	
11	G2 Resistor	9090-00532	1	EA	B	4	
12	WFR / LOADER DOORMECHANISM (NEW)	0045-91214	1	EA	A	4	
13	9500 Extraction Suppression Box	0090-91192	1	EA	A	4	
14	200mm Scan Drive Opto/Flag Assy	0240- 92850	1	EA	A	4	
15	Scan Drive Ball Screw	0040-92555	1	EA	A	4	
16	Chassis MDL Servo Arm CTNL (M/B & Case Only)	0090-91419	1	EA	B	4	
17	Chassis WRD Arm Servo PSU	0090-91664	1	EA	B	4	
18	200mm Transfer arm Mount		1	EA	B	4	
19	Transfer Arm Motor Assy 9500/ XR80	0010-90333	2	EA	B	4	Can Sell 1
20	Cylinder Rotary 180 Deg (Lift & Rotate)	3020-90054	1	EA	B	4	
21	BNO Orienter 200mm	0010-91511	2	EA	B	4	
22	BNO Orienter 200mm MCU & PSU	0090-91893	1	EA	B	4	
23	9500 Servo Arm Controller 1A	0090-90627	1	EA	C	4	
24	Scim / Scid Box	0010-91071	3	EA	C	4	
25	BF3 HP Gas Module ( 1 Parts Only) ( 1 Complete)	0010-90811	2	EA	C	4	Maybe can Sell
26	SDS Gas Module	0010-99060	1	EA	C	4	Maybe can Sell
27	Pneumatic Control Box For W/Loader Door Cylinder		1	EA	C	4	
28	200mm Cassette Tray	0010-92044	3	EA	C	4	
29	150mm Cassette Tray	0010-99047	2	EA	C	4	
30	200mm A / B Sensor Assy (9500 / XR 80)		1	EA	C	4	
31	W/L Cassette Bracket (9500 / XR80)		1	EA	C	4	
32	Source Magnet PSU (Can use for all Systems)	9090-00045	1	EA	D	4	
33	A Mag PSU ESS 80-185	0090-91603	1	EA	D	3	Maybe can Sell
34	Dual Range Pre Accel PSU	0090-91917	1	EA	C	3	Maybe can Sell
35	Tetrode G2 PSU	1140-90164	1	EA	D	3	Maybe can Sell
36	Pre A PSU	0090-93024	1	EA	D	3	Maybe can Sell
37	Spin/Scan Chassis	0090-93095	1	EA	D	3	Maybe can Sell
38	Motec Spin PSU	0090-91557	1	EA	C	3	Maybe can Sell
39	Motec Scan Amplifier (9500 Type DD Motor)	0090-91124	1	EA	D	4	Maybe can Sell
40	Motec Scan Amplifier (XR80 Type DD Motor)	0090-91558	1	EA	D	4	Maybe can Sell
41	Motec Clamp Unit	0090-91123	3	EA	D	4	
42	Pre Amag Controller	0090-91657	1	EA	D	4	Maybe can Sell
43	Cryo N2 Purge Box	0090-90948	1	EA	D	4	
	<b>Part Of Lens &amp; Aperture Focus Kit (Cage Assy) (1)</b> <b>See below for Cage parts</b>	<b>0240-95736</b>	1	SET	A	5	
44	Pre-Focus Aperture 1 (Cage Assy)	0020-85421					
45	Pre-Focus Aperture 2 (Cage Assy)	0020-85420					
46	Spacer Aperture Support (Cage Assy)	0020-85821					
47	Aperture support Cage (Cage Assy)	0040-95888					
48	<b>PART OF LENS &amp; APERTURE FOCUS KIT</b> <b>(FOCUS LENS ASSY) (2) See below for Lens</b>	<b>0240-95736</b>	1	SET	A	5	
49	Electrode Ground (Focus Lens Assy)	0020-85418					
50	Clamp Ring (Focus Lens Assy)	0020-84959					
51	Insulator Feedthru (Focus Lens Assy)	0020-85048					
52	Connecting Pin (Focus Lens Assy)	0020-84814					
53	Contact Screw (Focus Lens Assy)	0020-84940					
54	Contact Washer (Focus Lens Assy)	0020-84939					
55	Electrode Focus (Focus Lens Assy)	0020-85419					
56	Guide Screw (Focus Lens Assy)	0020-84962					
57	Insulator Focus Support (Focus Lens Assy)	0020-85047					
58	Liner LEAP II Beamstop	0020-99651	1	SET	A	5	
59	Liner L.C Beamstop	0020-82404	1	SET	A	5	
60	Beamstop Chamber (Standard)	0020-80428	1	EA	A	5	
61	L.C Beamstop Plate Shield Mounting	0020-96262	1	EA	A	5	
62	Cooled Tube XR80 LEAP	0040-96386	3	EA	A	6	
63	Cooled Tube 9500 / XR80	0040-99120	1	EA	A	6	
64	Ovens 9500	0010-01037	3	EA	C	5	
65	Beamstop Shield Front	0020-95166	1	EA	B	5	

66	200mm Hollow Gripper 9500 / XR80	0010-99081	6	EA	B	5	Can Sell 5
67	Flight Tube	0010-99072	1	EA	C	5	
68	Source Isolation Valve	0010-91829	2	EA	C	5	
69	Upper Half DP Box	0040-96880	1	EA	C	5	
70	Sputter Shield DP Box	0040-97040	1	EA	C	5	
71	Lower Half DP Box	0040-96881	1	EA	C	5	
72	Source Bushing	0040-95999	2	EA	D	5	
73	80 Kev HV Stack LEAP 2	0090-91917W	1	EA	D	5	Maybe can Sell
74	80 Kev HV Stack 9500 / XR80	0090-91130	1	EA	D	5	
75	0-7 Beam Profiler Alignment Jig (LEAP II)	0270-0037	1	EA	A	6	
76	Source Chamber Linners (Center)	0040-99204	1	SET	A	6	
77	Source Chamber Linners (Rear & Front)	0040-99207	1		A	6	
78	200 MM CASSETTE INDEXER (9500,XR80)	0010-99089	1	EA	A	6	
79	MRS-PLENUM CHAMBER LINER KIT (XR80,LEAP2,QUANTUM1) see below	0240-99436	1	SET	A	6	
80	SHIELD MRS TURBO (L/H)	0020-99515	1	EA			
81	SHIELD PA PORT (Front)	0020-99516	1	EA			
82	SHIELD CENTER (Bottom)	0020-99517	1	EA			
83	SHIELD PLATE PORT (R/H)	0020-99655	2	EA			
84	SHIELD FLIGHT TUBE (Rear)	0020-99669	2	EA			
85	Linner ISO Valve Flight Tube Side	-	1	EA	A	6	
86	Dual Bellows Extraction Setup Jig (XR80)	-	1	EA	A	6	
87	Dual Bellows Extraction Setup Jig(LEAP2 & Quantum)	0270-00296	1	EA	A	6	
88	Alignment Jig Blade to Casset 200mm	0270-90245	2	EA	A	6	
89	Alignment Jig Blade to Casset 200mm	0270-90170	1	EA	A	6	
90	SignalTower 4 color (BL/GN/OR/RD)	Patlight	1	EA	A	6	
91	SignalTower 3 color (GN/WH/OR)	Patlight	1	EA	A	6	
92	HDPCVD Ultima Chamber Ceramic Dome HDP	0020-18062	1	EA	A	9	
93	DUAL BELLOWS EXTRACTION 9500XR	-	1	EA	B	12	
94	DUAL BELLOWS EXTRACTION XR80	-	1	EA	B	12	
95	DUAL BELLOWS EXTRACTION XR LEAP LEAP2	-	4	EA	B	12	
96	IHC Ion source, 9500XR & XR80	-	2	EA	C	12	
97	IHC Ion source, Body 9500XR & XR80	-	6	EA	B	11	
98	TETRODE ION SOURCE (1 with Some Missing)	-	3	EA	C	12	
99	AMAT MRS Assembly	-	5	EA	A	11	
100	Scan Motor (9500 & XR80)	MAC112A-0-VD-4	1	EA	D	5	
<b>CONSUMABLE SPARE PARTS</b>							
101	Filament Clamp(HDPFS)	0021-90016	6	EA	A	3	BOX 1
102	Filament (HDPFS)	0021-90017	34	EA	A	3	BOX 1
103	Guide Tube R/H side(HDPFS)	0021-90299	2	EA	A	3	BOX 1
104	Guide Tube Aperture(HDPFS)	0021-90304	2	EA	A	3	BOX 1
105	Guide Tube L/H side(HDPFS)	0021-90437	1	EA	A	3	BOX 1
106	ARC Chamber Aperture(HDPFS)	0021-90441	3	EA	A	3	BOX 1
107	Guide Tube Magnet(HDPFS)	0021-90440	3	EA	A	3	BOX 1
108	Insulator Filament Clamp(HDPFS)	0021-90019	1	EA	A	3	BOX 1
109	Insulator Flange (HDPFS)	0021-90215	5	EA	A	3	BOX 1
110	Filament Insulator(HDPFS)	0021-90311	13	EA	A	3	BOX 1
111	Insulator SM7 Porcelain (Standardpfs)(HDPFS)	3420-90042	53	EA	A	3	BOX 1
112	Support Guide Tube	0020-41858	8	EA	A	3	BOX 1
113	Spacer Aperture Support (Standardpfs)(HDPFS)	0020-84821	2	EA	A	3	BOX 1
114	Insulator Plasma Headelec(Standardpfs)(HDPFS)	0020-82035	19	EA	A	3	BOX 1
115	Insulator SF7	3420-90078	31	EA	A	3	BOX 1
116	Filament ARC Chamber (Standardpfs)	0020-82135	1	EA	A	3	BOX 1
117	Reflector Insulator(Standardpfs)	0020-82053	6	EA	A	3	BOX 1
118	Guide Tube TOP Plate (Standardpfs)	0020-85415	6	EA	A	3	BOX 1
119	Guide Tube Bottom (Standardpfs)	0020-85416	4	EA	A	3	BOX 1
120	Guide Tube R/H Plate(Standardpfs)	0020-85414	2	EA	A	3	BOX 1
121	Guide Tube L/H Plate(Standardpfs)	0020-85413	2	EA	A	3	BOX 1
122	Guide Plate Left	0020-06071	3	EA	A	3	BOX 1
123	Guide Plate right	0020-06072	3	EA	A	3	BOX 1
124	XR9500 Cusp Magnet Assy L/H R/H	0010-91012	1	EA	A	3	BOX 1
125	XR9500 Cusp Magnet Assy L/H R/H	0010-91013	1	EA	A	3	BOX 1
126	Arc Chamber(Standardpfs)	0020-83521	2	EA	A	3	BOX 1
127	Arc Chamber TOP Shield (Standardpfs)	0020-83053	2	EA	A	3	BOX 1
128	Aperture(EPG1)	0020-83930	1	EA	A	3	BOX 1
129	Aperture(EPG2)	0020-83931	1	EA	A	3	BOX 1
130	Aperture Guide Tube	0020-85412	6	EA	A	3	BOX 1
131	PFS Connector Strip Assy	0040-96373	1	EA	A	3	BOX 1
132	Special Nut	0020-98735	1	EA	A	3	BOX 2
133	Shield Top Hat	0040-44083	2	EA	A	3	BOX 2
134	Ring Insulator	0021-90245	3	EA	A	3	BOX 2
135	Suppression Electrode (LEAP2, Quantum)	0020-83974	3	EA	A	3	BOX 2
136	Suppression Electrode (XR80)	0020-04207	8	EA	A	3	BOX 2
137	Suppression Electrode (XR80)	0020-86280	2	EA	A	3	BOX 2
138	Ground Electrode	0020-85090	1	EA	A	3	BOX 2
139	9500 & XR80 Suppression Ring	0020-84055	1	EA	A	3	BOX 2
140	Bracket Suppression Elec	0020-83964	1	EA	A	3	BOX 2
141	Bracket Suppression Elec	0021-90351	3	EA	A	3	BOX 2
142	Bracket Ground Elec	0020-86640	4	EA	A	3	BOX 2
143	Bracket Ground Elec	0020-83963	1	EA	A	3	BOX 2

144	Motor Geared	1080-90054	1	EA	A	3	BOX 2
145	Bearing	3060-90215	3	EA	A	3	BOX 2
146	Gear Clamp	3330-90026	7	EA	A	3	BOX 2
147	Mounting Suppression Elec	0020-83974	2	EA	A	3	BOX 2
148	Mounting Ground Elec	0020-84522	5	EA	A	3	BOX 2
149	O-Ring BS158	3700-90428	4	EA	A	3	BOX 2
150	O-Ring BS155	3700-90427	4	EA	A	3	BOX 2
151	Screin	3690-91090	14	EA	A	3	BOX 2
152	Rail Guide	3760-90045	1	EA	A	3	BOX 2
153	Gasket (Flight Tube)	0020-99464	2	EA	A	3	BOX 3
154	NEUTRAL INSERT FLIGHT TUBE	0020-99454	1	EA	A	3	BOX 3
155	Insert Outer (Flight Tube)	0020-99455	1	EA	A	3	BOX 3
156	Insulator Focus Support	0020-85047	7	EA	A	3	BOX 3
157	Guide Scren Focus	0020-84962	32	EA	A	3	BOX 3
158	Pre Focus Aperture	0020-85421	0	EA	A	3	BOX 3
159	Insulator Focus Feed Thru	0020-85048	2	EA	A	3	BOX 3
160	Pre Focus Lens Apperture 1	0020-85421	0	EA	A	3	BOX 3
161	Pre Focus Lens Apperture 2	0020-85420	0	EA	A	3	BOX 3
162	9500 Focus Lens Apperture (EHO)	0020-83926	1	EA	A	3	BOX 3
163	9500 Focus Lens Apperture (EH1)	0020-83927	1	EA	A	3	BOX 3
164	Liner Clamp Plate (ISO Valve)	0020-83172	0	EA	A	3	BOX 3
165	MRS Vanes	0020-99710	9	EA	A	3	BOX 4
166	Post MRS Slit	0020-83925	1	EA	A	3	BOX 4
167	Plenum Shield (Block)	0020-85086	1	EA	A	3	BOX 4
168	PRE MRS SLIT (9500XR)	0020-84988	1	EA	A	3	BOX 4
169	PRE MRS SLIT (XR 80,LEAP & Quantum 1)	0020-85069	1	EA	A	3	BOX 4
170	pre-defining shield	0020-85068	2	EA	A	3	BOX 4
171	Arm Vane	0040-94236	4	EA	A	3	BOX 4
172	Cover Access	0020-83440	1	EA	A	3	BOX 4
173	Insulator	0020-97557	50	EA	B	3	BOX 5
174	Shield Insulator (Tetrode )	0020-01640	2	EA	B	3	BOX 5
175	Spring (For Hook)	3780-90110	500	EA	B	3	BOX 5
176	Retainer Front Plate Tungsten	0020-85110	6	EA	B	3	BOX 5
177	Liner Base Plate Arc Chamber Tungsten	0020-85610	4	EA	B	3	BOX 5
178	Front Plate Arc Chamber Tungsten L/H	0020-85610	4	EA	B	3	BOX 5
179	Front Plate Arc Chamber Tungsten R/H	0020-85610	13	EA	B	3	BOX 5
180	Liner Side Arc Chamber Tungsten	-	2	EA	B	3	BOX 5
181	End Plate Arc Chamber Cathode Tunsten	-	4	EA	B	3	BOX 5
182	End Plate Arc Chamber Anti Cathode Tunsten	-	12	EA	B	3	BOX 5
183	Retainer Front Plate Tungsten (Maybe P19500)	-	2	EA	B	3	BOX 5
184	Filament Clamp L/H	0020-86734	2	EA	B	3	BOX 5
185	Support Bar Cathode	0040-96352	4	EA	B	3	BOX 5
186	Liner Base Plate Arc Chamber Tungsten	0020-98916	7	EA	B	3	BOX 5
187	Liner Side Arc Chamber Tungsten	0020-98917	8	EA	B	3	BOX 5
188	Support Upper ARC Chamber	0040-96349	1	EA	B	3	BOX 5
189	Support Lower ARC Chamber	0040-96221	2	EA	B	3	BOX 5
190	Support Bar Anti Cathode	0220-80070	1	EA	B	3	BOX 5
191	Filament Clamp R/H ( 1 New)	0020-86733	2	EA	B	3	BOX 5
192	Shield Insulator	0020-86933	8	EA	B	3	BOX 5
193	Shield Insulator	0020-85362	30	EA	B	3	BOX 5
194	Support Lower ARC Chamber	0040-05988	1	EA	B	3	BOX 5
195	Gas Line	0040-96353	1	EA	B	3	BOX 5
196	Straplink Anti Cathode	0040-91690	1	EA	B	3	BOX 5
197	Straplink	0040-96866	2	EA	B	3	BOX 5
198	E-Clip'S	0690-90188	100	EA	B	3	BOX 5
199	O-Ring 2.62D 34.60ID BS126	3700-90183	11	EA	B	3	BOX 5
200	Gasket Nozzle	0020-81756	15	EA	B	3	BOX 5
201	Filament Clamp Cam	0020-84806	6	EA	B	3	BOX 5
202	Filament Clamp Collet	0020-84807	9	EA	B	3	BOX 5
203	Pin Retaining (Bernas Souce)	0020-96040	2	EA	B	3	BOX 5
204	M4 Captive Screw	0020-85805	0	EA	B	3	BOX 5
205	M4 Captive Screw	0020-85806	14	EA	B	3	BOX 5
206	O-Ring 2.62D 209.23ID BS172	3700-90308	3	EA	B	3	BOX 5
207	G2 Electrode (Tetrode)	0020-07388	4	EA	B	3	BOX 5
208	Front Plate R/H (Graphite)	0021-90787	3	EA	B	3	BOX 5
209	Front Plate R/H (Graphite)	0020-84743	5	EA	B	3	BOX 5
210	Front Plate L/H (Graphite)	0020-94907	5	EA	B	3	BOX 5
211	Front Plate L/H (Graphite)	0021-90786	4	EA	B	3	BOX 5
212	Support Arm G2 Electrode	0020-06241	6	EA	B	3	BOX 5
213	Sleeve Blank Arc Chamber	0020-85074	8	EA	B	3	BOX 5
214	Connector Feedthrough	0021-90669	2	EA	B	3	BOX 5
215	Retaining Clip	0020-81777	11	EA	B	3	BOX 5
216	Tranzorb	0150-95965	6	EA	B	3	BOX 5
217	Anti Cathode	0020-81482	3	EA	B	3	BOX 5
218	Filament ARC Chamber	0020-86735	2	EA	B	3	BOX 5
219	Bottom Plate ARC Chamber (Graphite)	0020-85416	2	EA	B	3	BOX 5
220	Side Liner ARC Chamber (Graphite)	0020-86738	4	EA	B	3	BOX 5
221	End Liner ARC Chamber Cathode (Graphite)	0020-89586	6	EA	B	3	BOX 5
222	End Liner ARC Chamber Anti Cathode (Graphite)	0020-86740	3	EA	B	3	BOX 5
223	Nozzle Antimony	0020-82163	1	EA	B	3	BOX 5
224	Screw Nozzle Retainer	0020-81784	6	EA	B	3	BOX 5
225	Filament Guide	0020-87508	19	EA	B	3	BOX 5
226	Cathode Button 3mm ( NO SIDE CUTOUT)	0040-96830	5	EA	B	3	BOX 5

227	Cathode Button 3mm	1163-1914	0	EA	B	3	BOX 5
228	Insulator (Tetrode )	0040-01445	4	EA	B	3	BOX 5
229	Straplank Anti Cathode	0020-84897	4	EA	B	3	BOX 5
230	Mount Insulator (Tetrode )	0020-01484	4	EA	B	3	BOX 5
231	Connector Feedthrough	0021-90669	0	EA	B	3	BOX 5
232	Shaftless Cathode Bar HC	0021-90018	2	EA	B	3	BOX 5
233	Retainer Front Plate / Hook	0021-90036	14	EA	B	3	BOX 5
234	Pwba Source Protection (IHC & Tetrode)	0100-90404	4	EA	B	3	BOX 5
235	Arc Chamber (Indirect)Tetrode	0020-89990	3	EA	B	3	BOX 5
236	Wire Support	0020-89991	7	EA	B	3	BOX 5
237	Leap2 Beam Stop Graphite	0020-99635	1	EA	B	3	BOX 6
238	Insulator O-RING Leap2	0020-99645	1	EA	B	3	BOX 6
239	Flexible graphite TOP Leap2	0020-99650	23	EA	B	3	BOX 6
240	Beam Stop Fixing Screws	3690-90441	15	EA	B	3	BOX 6
241	Shield Side Leap2	0020-99637	6	EA	B	3	BOX 6
242	Shield Side (Standard B/S)	0020-82833	4	EA	B	3	BOX 6
243	O-RING LEAP2 B/Stop	3700-90063	1	EA	B	3	BOX 6
244	O-RING (Usewith 0020-99645)	0020-90203	2	EA	B	3	BOX 6
245	Shield End (Standard B/S)	0020-82834	6	EA	B	3	BOX 6
246	Wire Support (All B/S)	0020-97739	3	EA	B	3	BOX 6
247	Shield End Leap2	0020-99636	12	EA	B	3	BOX 6
248	Aperture Plate Leate Leap2	0020-04656	2	EA	B	3	BOX 6
249	Flexible Graphite	0020-82380	20	EA	B	3	BOX 6
250	Electrode EH3	0020-83928	1	EA	B	3	BOX 6
251	Electrode EH4	0020-83929	1	EA	B	3	BOX 6
252	Electrode EH5	0020-90100	3	EA	B	3	BOX 6
253	Electrode EH6	0020-98952	1	EA	B	3	BOX 6
254	Aperture, EH5 (Sic)	0020-98951	1	EA	B	3	BOX 6
255	Beam Stop Block(Dump)	0020-83785	1	EA	B	3	BOX 6
256	9500BEAM SIOP APERTURE PLATE	0020-83953	2	EA	B	3	BOX 6
257	Cooled Tube Shield Leap2	0020-04775	0	EA	B	3	BOX 7
258	Aperture plate	0020-83953	0	EA	B	3	BOX 7
259	Source Cnamber Exit Aperture Shield XR80	0020-82474	1	EA	B	3	BOX 7
260	Source Cnamber Exit Aperture Shield Leap2	0021-90763	0	EA	B	3	BOX 7
261	Cooled Tube Shield Leap2	0020-86842	3	EA	B	3	BOX 7
262	Cover Plate	0020-84114	1	EA	B	3	BOX 7
263	9500XR Cooled Tube Shields	2084114	0	EA	B	3	BOX 7
264	Plate Cover	0020-98696	1	EA	B	3	BOX 7
265	Cooled Tube Shield XR80	0020-86455	1	EA	B	3	BOX 7
266	FEED THRU	0720-91062	1	EA	B	3	BOX 8
267	MERCURY SLIP RING ASSY	0720-90443	2	EA	B	3	BOX 8
268	FEED THRU	3300-92089	3	EA	B	3	BOX 8
269	CERAMIC BLADE (200MM)	0040-97682	1	EA	B	3	BOX 8
270	CERAMIC PICK (200MM)	0040-97187	1	EA	B	3	BOX 8
271	FLOW SWITCH 2-30L/MIN	1270-90166	2	EA	B	3	BOX 8
272	FLOW SWITCH 5-10L/MIN	1270-90167	1	EA	B	3	BOX 8
273	SOURCE RESISTOR ASSY	0090-00078	1	EA	B	3	BOX 8
274	CLIP ACTUATOR	0010-90530	3	EA	B	3	BOX 8
275	Gas Line	0040-96085	3	EA	B	3	BOX 8
276	CGA 330 Pigtail Kit	0240-92085	1	EA	B	3	BOX 8
277	CLIP ACTUATOR MOUNT ASSY	0020-97617	1	EA	B	3	BOX 8
278	Mercury Slip Ring part of Spin Motor Assy KIT New (see below)	0010-91990	1	SET	B	3	BOX 8
	Connector Mercury Rotating 1 Pole	0720-90443	1				
	Bar Anti-Rotation	0020-91676	1				
	Pin Spirol	3550-90126	1				
	Center Rod	0020-96843	1				
	Coller Drive	0020-96828	1				
	Pin 2 OD X 12 LG	3550-90032	1				
	Washer Seal	0020-98690	1				
	Seal Graphite Face	3700-90216	1				
	Bearing Bush S/LUB	3060-90231	1				
	Bearing Rubber Sealed	3060-90084	1				
	Rod Support	0020-85837	1				
	Can Retaining	0020-95528	1				
279	Moving Clips (Wheel Parts	0010-91419	34	EA	B	3	BOX 9
280	Moving Clips	0010-99166	4	EA	B	3	BOX 9
281	Fixed Restaints (Wheel Parts)	0020-81878	1	EA	B	3	BOX 9
282	Flags (Wheel Parts)	0020-89132	13	EA	B	3	BOX 9
283	Spring L/H (Wheel Parts)	0020-94518	18	EA	B	3	BOX 9
284	Sprting R/H (Wheel Parts)	0020-94517	0	EA	B	3	BOX 9
285	Kit 13 Bit Encoder Scan Arm (Belt drive 9500)	0240-84653	1	SET	B	4	
	Shaft 6mm to 10mm	0020-19852	1	EA			
	Encoder 13 bit	0880-00070	1	EA			
	M2 x 2 Grubscrew	3690-90770	1	EA			
	Cable Assy	0150-39838	1	EA			
	Plug CA MTG	0720-09532	1	EA			
	Cable Clamp	0720-90267	1	EA			
	Jack Screw	0720-90354	2	EA			
	Plug 17-28 pin	0720-90750	1	EA			

	Strain Relief	0720-90924	1	EA			
	spacer M3 X 3.7	3790-90036	2	EA			
<b>PCB'S</b>							
286	SPIN/SCAN INTERLOCK (PCB)	0100-90890	2	EA	C	3	BOX 10
287	SPIN SCAN ERROR (PCB)	0100-90771	1	EA	C	3	BOX 10
288	SPIN SCAN ERROR (PCB)	0100-90311	1	EA	C	3	BOX 10
289	SPIN CONTROL (PCB)	0100-91043	1	EA	C	3	BOX 10
290	SPIN CONTROL (PCB)	0100-90811	1	EA	C	3	BOX 10
291	SPIN SCAN DETECTOR (PCB)	0100-90861	2	EA	C	3	BOX 10
292	CONTACTER DRIVE (PCB)	0100-90385	4	EA	C	3	BOX 10
293	TILT ANGLE CONTROL (PCB)	0100-90945	2	EA	C	3	BOX 10
294	TILT INTERLOCK (PCB)	0100-90895	1	EA	C	3	BOX 10
295	TEMP CONTROL (PCB)	0100-94062	2	EA	C	3	BOX 10
296	TEMP CONTROL (PCB)	0100-90994	1	EA	C	3	BOX 10
297	WAFER LOADER INTERLOCK (PCB)	0100-90271	2	EA	C	3	BOX 10
298	WAFER LOADER CASSETTE INTERLOCK (PCB)	0100-90231	3	EA	C	3	BOX 10
299	WAFER ARM POSITION (PCB)	0100-90491	3	EA	C	3	BOX 10
300	WAFER ARM ARIPPER INTERFACE (PCB)	0100-90269	1	EA	C	3	BOX 10
301	WAFER ARM INTERLOCK (PCB)	0100-90237	3	EA	C	3	BOX 10
302	WAFER ORIENTER MICRO CONTROLLER (PCB)	0100-99013	1	EA	C	3	BOX 10
303	WAFER ARM SERVO (PCB)	0100-90773	3	EA	C	3	BOX 10
304	VACUUM CONTROL INTERLOCK (PCB)	0100-90708	1	EA	C	3	BOX 10
305	VACUUM CONTROL INTERLOCK (PCB)	0100-90560	1	EA	C	3	BOX 10
306	VACUUM CONTROL DRIVE (PCB)	0100-90177	1	EA	C	3	BOX 10
307	VACUUM CONTROL FEEBACK (PCB)	0100-90178	1	EA	C	3	BOX 10
308	VACUUM GAUGE INTERFACE (PCB)	0100-90710	2	EA	C	3	BOX 10
309	VACUUM INTERLOCK (PCB)	0100-90881	1	EA	C	3	BOX 10
310	VACUUM MANUAL CONTROL TARGET SYSTEM	0100-91040	1	EA	C	3	BOX 10
311	VENDOR INTERFACE A MAG (PCB)	0100-91025	1	EA	C	3	BOX 10
312	VENDOR INTERFACE A MAG (PCB)	0100-91114	3	EA	C	3	BOX 10
313	VENDOR INTERFACE A MAG (PCB)	0100-90858	1	EA	C	3	BOX 10
314	VENDOR INTERFACE PRE-ACCEL (PCB)	0100-90835	1	EA	C	3	BOX 10
315	VENDOR INTERFACE PRE-ACCEL (PCB)	0100-00790	1	EA	C	3	BOX 10
316	VENDOR INTERFACE PRE-ACCEL (PCB)	0100-91024	1	EA	C	3	BOX 10
317	VENDOR INTERFACE POST ACCEL (PCB)	0100-90856	1	EA	C	3	BOX 10
318	EXT I CONTROL (PCB)	0100-90451	2	EA	C	3	BOX 10
319	ARM POSITION SENSOR (PCB)	0100-90790	1	EA	C	3	BOX 10
320	THERMISTOR GAUGE CONTROLLER (PCB)	0100-90077	1	EA	C	3	BOX 10
321	GUIDING TUBE (PCB)	0100-91085	1	EA	C	3	BOX 10
322	GUIDING TUBE (PCB)	0100-90724	1	EA	C	3	BOX 10
323	INDEX CONTROL (PCB)	0100-94052	1	EA	C	3	BOX 10
324	INDEX CONTROL (PCB)	0100-90876	2	EA	C	3	BOX 10
325	INDEX CONTROL (PCB)	0010-94052	1	EA	C	3	BOX 10
326	INDEX CONTROL Daughter Board (PCB)	0010-90876	1	EA	C	3	BOX 10
327	INDEX CONTROL Daughter Board (PCB)	0010-90889	1	EA	C	3	BOX 10
328	INDEX CONTROL Daughter Board (PCB)	0010-94015	1	EA	C	3	BOX 10
329	PNEUMATICS CONTROL (PCB)	0100-91095	1	EA	C	3	BOX 10
330	ROBOTIC INTERFACE (PCB)	0100-90761	1	EA	C	3	BOX 10
331	TPDU MONITOR (PCB)	0100-90492	3	EA	C	3	BOX 10
332	SCAN CLOCK PCB	0100-94013	1	EA	C	3	BOX 10
333	SCAN CONTROL (PCB)	0100-90315	1	EA	C	3	BOX 10
334	SCAN CLOCK (PCB)	0100-90831	2	EA	C	3	BOX 10
335	ORIENTER CONTROL (PCB)	0100-90992	1	EA	C	3	BOX 10
336	ORIENTER INTERLOCK (PCB)	0100-90404	0	EA	C	3	BOX 10
337	INDEX SERVO (PCB)	0100-90853	0	EA	C	3	BOX 10
338	PLASMA ARC CURRENT (PCB)	0100-90999	1	EA	C	3	BOX 10
339	SERIAL COMMUNICATIONS INTERFACE DRIVER	0100-90225	1	EA	C	3	BOX 10
340	SOURCE MAGNET CONTROL(PCB)	0100-91072	1	EA	C	3	BOX 10
341	SOURCE MAGNET CONTROL (PCB)	0100-90872	1	EA	C	3	BOX 10
342	TURBO PUMP INTERFACE (PCB)	0100-90880	1	EA	C	3	BOX 10
343	BENAN STABILITY MONITOR (PCB)	0100-90860	1	EA	C	3	BOX 10
344	ION GAUGE CONTROLLER (PCB)	0100-90227	1	EA	C	3	BOX 10
345	GAP SERVO (PCB)	0100-90824	1	EA	C	3	BOX 10
346	ARC CONTROL DSP (PCB)	0090-91824	1	EA	C	3	BOX 10
347	LOOP CONTROLLER CE LCUME-10X (9500)( PCB)	0100-90471	2	EA	C	3	BOX 10
348	DC CONTROL FOR W/L CONTROL CHASSIS 4A (PCB)	3930-90024	1	EA	C	3	BOX 10
349	9500 ARC PSU (PCB)	0100-90837	1	EA	C	3	BOX 10
350	9500 FILAMENT PSU (PCB)	0100-90838	1	EA	C	3	BOX 10
351	FILAMENT INTERFACE (PCB)	0100-90573	1	EA	C	3	BOX 10
352	SLOTTED OPTO (PCB)	0100-99014	0	EA	C	3	BOX 10
353	SLOTTED OPTO (PCB)	0100-90293	3	EA	C	3	BOX 10
354	VAC GAUGES RJ45 CONN INTERFACE (PCB)	0100-90758	1	EA	C	3	BOX 10
355	SOURCE SUP'N CLAMP BOX PCB	0100-90949	1	EA	C	3	BOX 10
356	PWBA PWB SLOTTED OPTO	0100-90736	2	EA	C	3	BOX 10
357	ORIENTER INTERLOCK	0100-94035	1	EA	C	3	BOX 10
358	FIAT ORIENTER CONTROL + SENSOR	0100-91133	1	EA	C	3	BOX 10
359	ININDEX SERVO	0100-94084	1	EA	C	3	BOX 10
360	DAQ MKLL TYPE H	9090-00093	3	EA	C	3	BOX 11
361	DAQ MKLL TYPE B	9090-90966	5	EA	C	3	BOX 11
362	24V 1A POWER SUPPLY	0100-90025	5	EA	C	3	BOX 11
363	POWER SUPPLY	0100-90027	1	EA	C	3	BOX 11

364	PSU For PLASMA FLOOD PSU CHASSIS 5C	1140-90109	1	EA	C	3	BOX 11
365	ADVANCE POWER SUPPLY DC-24V	2930	1	EA	C	3	BOX 11
<b>CONSUMABLE SPARE PARTS CONTINUED</b>							
366	SHIELD, WAFER HEAD, LWR. BODY	0021-29587	8	EA	A	3	BOX 12
367	LINER CLAMP PLATE	0020-83172	26	EA	A	3	BOX 12
368	INSERT SCARF INNER	0020-75472	7	EA	A	3	BOX 12
369	X SHAFT SHIELD	0020-93636	1	EA	A	3	BOX 12
370	VANE MRS	0020-64976	7	EA	A	3	BOX 12
371	SHIELD SIDE SQUARE	0020-17562	1	EA	A	3	BOX 12
372	SHIELD FINGER COOL TUBE	0020-17563	3	EA	A	3	BOX 12
373	ELECT G11 88MM GAUSS SLOT VCI	0021-40416	1	EA	A	3	BOX 12
374	ELECTRODE, G12, 136 SLOT (ZEE-2)	0021-40417	1	EA	A	3	BOX 12
375	WAFER HEAD BODY SHIELD	0021-29641	1	EA	A	3	BOX 12
376	HOUSING, FARADAY, WAFER HEAD	0020-97956	1	EA	A	3	BOX 12
377	G2 ARM (ORION)	0020-86496	1	EA	A	3	BOX 12
378	ELECTRODE, G14 R210	0021-30642	1	EA	A	3	BOX 12
379	TUBE, GUIDE RHS BLANK-QX	810-73695	1	EA	A	3	BOX 12
380	OID G3/G4 HOLDER	0040-88468/88479	1	EA	A	3	BOX 12