

**Odyssey Technical Solutions  
Repair/Overhaul List  
September 2019**

Model Number / Description	Notes
<b>Automatch Repairs</b>	
All Advanced Energy Automatches	
All AE AZX Style Automatches	
Repair, AE 3155031-000, Typical	
Overhaul, AE 3155031-000, Typical	
Repair, AE 3155031-001, Typical	
Overhaul, AE 3155031-001, Typical	
Repair, AE 3155031-004, Typical	
Overhaul, AE 3155031-004, Typical	
Repair, AE 3155031-004A, Typical	
Overhaul, AE 3155031-004A, Typical	
Repair, AE 3155031-004B, Typical	
Overhaul, AE 3155031-004B, Typical	
Repair, AE 3155031-004C, Typical	
Overhaul, AE 3155031-004C, Typical	
Repair, AE 3155031-011, Typical	
Overhaul, AE 3155031-011, Typical	
Repair, AE 3155031-011B, Typical	
Overhaul, AE 3155031-011B, Typical	
Repair, AE 3155031-014, Typical	
Overhaul, AE 3155031-014, Typical	
Repair, AE 3155031-014B, Typical	
Overhaul, AE 3155031-014B, Typical	
Repair, AE 3155031-014C, Typical	
Overhaul, AE 3155031-014C, Typical	
Repair, AE 3155031-014D, Typical	
Overhaul, AE 3155031-014D, Typical	
Repair, AE 3155031-020, Typical	0190-01371
Overhaul, AE 3155031-020, Typical	
Repair, AE 3155031-020A, Typical	

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Overhaul, AE 3155031-020A, Typical	
Repair, AE 3155031-022A, Typical	
Overhaul, AE 3155031-022A, Typical	
Repair, AE 3155031-023, Typical	
Overhaul, AE 3155031-023, Typical	
Repair, AE 3155031-029, Typical	
Overhaul, AE 3155031-029, Typical	
Repair, AE 3155031-033, Typical	
Overhaul, AE 3155031-033, Typical	
Repair, AE 3155031-036, Typical	
Overhaul, AE 3155031-036, Typical	
Repair, AE 3155031-037A, Typical	1110-00056-000
Overhaul, AE 3155031-037A, Typical	1110-00056-000
Repair, AE 3155031-038, Typical	
Overhaul, AE 3155031-038, Typical	
Repair, AE 3155031-039, Typical	0190-16215
Overhaul, AE 3155031-039, Typical	0190-16215
Repair, AE 3155036-001, Typical	
Overhaul, AE 3155036-001, Typical	
Repair, AE 3155036-006, Typical	
Overhaul, AE 3155036-006, Typical	
Repair, AE 3155036-037, Typical	
Overhaul, AE 3155036-037, Typical	
Repair, AE 3155036-038, Typical	
Overhaul, AE 3155036-038, Typical	
Repair, AE 3155036-043, Typical	
Overhaul, AE 3155036-043, Typical	
Repair, AE AZX-63, Typical	
Overhaul, AE AZX-63, Typical	
Repair, AE AZX-72, Typical	

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Overhaul, AE AZX-72, Typical	
Repair, AE AZX-90, Typical	
Overhaul, AE AZX-90, Typical	
All AE Dome Style Matches	
Repair, AE 3150275-005, Typical	FTMS
Repair, AE 3150595-000, Typical	AZX-90, DPN
Overhaul, AE 3150595-000, Typical	AZX-90, DPN
Repair, AE 3155086-001, Typical	
Overhaul, AE 3155086-001, Typical	
Repair, AE 3155086-002, Typical	
Overhaul, AE 3155086-002, Typical	
Repair, AE 3155086-102A, Typical	
Overhaul, AE 3155086-102A, Typical	
Repair, AE 3155086-102B, Typical	
Overhaul, AE 3155086-102B, Typical	
Repair, AE 3155086-102C, Typical	
Overhaul, AE 3155086-102C, Typical	
Repair, AE 3155086-102D, Typical	
Overhaul, AE 3155086-102D, Typical	
Repair, AE 3155086-602, Typical	
Overhaul, AE 3155086-602, Typical	
Repair, AE 3155086-604, Typical	
Overhaul, AE 3155086-604, Typical	
Repair, AMAT 1110-00160, Typical	
Overhaul, AMAT 1110-00160, Typical	
Repair, AMAT 1110-01043, Typical	
Overhaul, AMAT 1110-01043, Typical	
Repair, AMAT 1110-01046, Typical	
Overhaul, AMAT 1110-01046, Typical	
Repair, AMAT 1110-01063, Typical	

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Overhaul, AMAT 1110-01063, Typical	
Repair, AMAT 1110-01057, Typical	10.9 - 13.1 MHz
Repair, AMAT 1110-01057-001, Typical	10.9 - 13.1 MHz
Repair, AMAT 0190-06234-002, Typical	AZX DPN
All AE Dressler Matches	
Repair, Dressler VM 0415AW, Typical	
Repair, Dressler VM 1000A, Typical	
Repair, Dressler VM 1500 W-ICP, Typical	
Repair, Dressler VM 1500 AW, Typical	
Repair, Dressler VM 1500 W-CG, Typical	
Repair, Dressler VM 2715 AW, Typical	
Repair, Dressler VM 5000, Typical	
Repair, Dressler VM 600A, Typical	
Repair, Dressler VM 700A, Typical	
All AE Low Frequency Matches	
Repair, AE 3150309-001, Typical	0190-32819-02
All AE Mercury Style Matches	
Repair, AE 3150272-005, Mercury 1013, Typical	
Repair, AE 3150272-009, Mercury 1013, Typical	
Repair, AE 3150272-012, Mercury 1013, Typical	
Repair, AE 3150272-013, Mercury 1013, Typical	
Repair, AE 3150273-002, Typical	
Repair, AE 3150273-004, Mercury 10013, Typical	27-256558-00
Repair, AE 3150274-003, Mercury 3013, Typical	
Repair, AE 3150274-004, Mercury 3013, Typical	
Repair, AE 3150274-005, Mercury 3013, Typical	
Repair, AE 3150274-006, Mercury 3013, Typical	
Repair, AE 3150274-007, Mercury 3013, Typical	
Repair, AE 3150274-008, Mercury 3013, Typical	
Overhaul, AE 3150274-008, Mercury 3013, Typical	

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Repair, AE 3150274-011, Mercury 3013, Typical	
Repair, AE 3150274-014, Mercury 3013, Typical	
Repair, AE 3150275-007, Typical	660-095275-005
All AE Navigator Style Matches	
Repair, AE 3155126-003, Navigator 1013, Typical	
Repair, AE 3155126-009, Navigator 1013-L35Z, Typical	0190-15167 (5707019-E)
Overhaul, AE 3155126-009, Navigator 1013-L35Z, Typical	0190-15167 (5707019-E)
Repair, AE 3155126-011, Navigator 1013-L35, Typical	(5707019-E)
Overhaul, AE 3155126-011, Navigator 1013-L35, Typical	(5707019-E)
Repair, AE 3155126-012, Navigator 1013-L35Z, Typical	(5707019-E)
Repair, AE 3155126-017, Navigator 1013-L50Z, Typical	(5707019-E)
Repair, AE 3155126-018, Navigator 1013-L25, Typical	(5707019-E)
Repair, AE 3155126-020, Navigator 1013-L35Z, Typical	(5707019-E)
Repair, AE 3155126-023, Navigator 5027-L80, Typical	(5707019-E)
Overhaul, AE 3155126-023, Navigator 5027-L80, Typical	(5707019-E)
Repair, AE 3155126-024, Navigator 1013-L50, Typical	
Repair, AE 3155126-026, Navigator 2013-L70Z, Typical	(5707019-E)
Repair, AE 3155126-041, Navigator, Typical	
Overhaul, AE 3155126-041, Navigator, Typical	
Repair, AE 3155132-001, Navigator 3013-ICP85, Typical	(5707025-B) AMAT# 0190-15168; 0190-27576
Overhaul, AE 3155132-001, Navigator 3013-ICP85, Typical	(5707025-B) AMAT# 0190-15168; 0190-27576
Repair, AE 3155132-005, Typical	0190-29997
Overhaul, AE 3155132-005, Typical	0190-29997
Repair, AE 3155132-008, Typical	0190-34238
Overhaul, AE 3155132-008, Typical	0190-34238
Repair, AE 3155149-002, Navigator 7013-L90, Typical	(5707033-B)
Repair, AE 3155156-001, Navigator, Typical	0190-15207
Overhaul, AE 3155156-001, Navigator, Typical	0190-15207
Repair, AE 3155162-002, Navigator 10013 L-80, Typical	(5707022-A)
Overhaul, AE 3155162-002, Navigator 10013 L-80, Typical	(5707022-A)

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Repair, AE 3155162-003, Navigator 10013 L-80Z, Typical	(5707049-A)
Repair, AE 3155162-005, Navigator 10013 L-80, Typical	(5707049-A)
Repair, AE 3155162-007, Navigator 10013 L-80Z, Typical	(5707022-A)
Repair, AE 3155162-012, Navigator 10013 L100, Typical	(5707049-A)
Repair, AE 3155162-014, Navigator 10013 P120, Typical	(5707049-A)
Repair, AE 3155162-020, Navigator 10013 L-80, Typical	(5707049-A)
Overhaul, AE 3155162-020, Navigator 10013 L-80, Typical	(5707049-A)
Repair, AE 3155162-021, Navigator 10013 L-80Z, Typical	(5707049-A)
Repair, AE 3155162-023, Navigator 10013 L-80, Typical	(5707049-A)
Overhaul, AE 3155162-023, Navigator 10013 L-80, Typical	(5707049-A)
Repair, AE 3155162-024, Navigator 10013 L-80Z, Typical	(5707049-A)
Repair, AE 3155162-025, Navigator, Typical	27-296376-00
Overhaul, AE Navigator 10013, Typical	
Repair, AE 3155162-025, Navigator, Typical	(5707049-A)
Repair, AE 3155162-035, Typical	
Overhaul, AE 3155162-035, Typical	
Repair, AE 3155168-001, Navigator 2060-L50, Typical	AMAT P/N: 0190-15206 (5707041-B)
Overhaul, AE 3155168-001, Navigator 2060-L50, Typical	AMAT P/N: 0190-15206 (5707041-B)
Repair, AE 3155168-002, Navigator 2060-L50, Typical	(5707041-B)
Repair, AE 3155168-004, Navigator 2060-L50, Typical	(5707041-B)
Repair, AE 3155168-007, Navigator 2060-L50, Typical	(5707041-B)
All AE Navigator II Style Matches	
Repair, AE 3155999-008, Typical	
Repair, AE 3155195-001, Typical	
Repair, AE 3155301-023, Typical	
All AE MFA Type Matches	
Repair, AE 3155054-003B, MFA, Typical	
Overhaul, AE 3155054-003B, MFA, Typical	
Repair, AE 3155077-003A, MFA, Typical	AMAT: 1110-01035
Overhaul, AE 3155077-003A, MFA, Typical	AMAT: 1110-01035

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Model Number / Description	Notes
Repair, AE 3155094-003A, MFA, Typical	
Overhaul, AE 3155094-003A, MFA, Typical	
Repair, AE 3155094-007, MFA, Typical	AMAT 1110-00059
Repair, AE 3155077-001A, MFA, Typical	
Repair, AE 3155077-003, MFA, Typical	
Upgrade, MFA, Install Water Cooling Option, Typical	Upgrade / Option
All AE AM Type Matches	
Repair, AE AM-5, Typical	Legacy Product - Need Controller for repair
Repair, AE AM-5, 3150302, Typical	Legacy Product - Need Controller for repair
Repair, AE AM-5, 3150005-000, Typical	Legacy Product - Need Controller for repair
Repair, AE AM-5, 3150005-001 Typical	Legacy Product - Need Controller for repair
Repair, AE AM-20, 3150302-000, Typical	Legacy Product - Controller for AM-20
Repair, AE AM-5, 3150005-002, Typical	Legacy Product - Need Controller for repair
Repair, AE 3150097-000, Typical	Legacy Product
Repair, AE 3150080-005, Typical	Legacy Product - Need Controller for repair
Repair, AE 3150162-001, Typical	Legacy Product
Repair, AE AM-20, 3150117-002, Typical	Legacy Product - Need Controller for repair
Repair, AE AM-20, 3150117-003, Typical	Legacy Product - Need Controller for repair
Repair, AE AM-20, 7622551010, Typical	Legacy Product - Need Controller for repair
Repair, AE AM-20, 7624661010, Typical	Legacy Product - Need Controller for repair
Repair, AE AM-20, 7622551020, Typical	Legacy Product - Need Controller for repair
Repair, AE ATX-600, 3155017-000, Typical	Legacy Product - Need Controller for repair
All AE VZX Style Automatches	
Repair, AE 3155091-002, Typical	4 MHz, Product Development - Call
All Advanced Energy Controllers	
Repair, AE 3155050-000, Controller, Typical	
Repair, AE 3155050-001, Controller, Typical	AZX
Repair, AE 3155050-003, Controller, Typical	Dome (AMAT P/N: 0500-01111)
All Advanced Energy ESC Power Supplies	
Repair, AE ESC Power Supply / AZX Version	Attached to some AE AZX type matches - Will quote if needed

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Model Number / Description	Notes
Repair, AE 3153105-000, ESC Power Supply Assembly, Typical	AMAT P/N: 0242-70035
Repair, AE 3153106-000, ESC Power Supply, Typical	AMAT P/N: 0190-13068
Repair, AE 3153109-102, ESC Power Supply, Typical	AMAT P/N: 0190-13321 / 0190-13069
Repair, AE 3153109-105, ESC Power Supply, Typical	AMAT P/N: 0190-06308
All AMAT Automatches	
All AMAT 0010-00799 Items	
Repair, AMAT 0010-00799, Typical	
All AMAT 0010-00854 Items	
Repair, AMAT 0010-00854, Typical	
All AMAT 0010-01929 Items	
Repair, AMAT 0010-01929, HE BESC PVD, Typical	
Overhaul, AMAT 0010-01929, HE BESC PVD, Typical	
All AMAT 0010-02113 Items	
Repair, AMAT 0010-02113, Typical	
All AMAT 0010-02372 Items	
Repair, AMAT 0010-02372, HE, Typical	
All AMAT 0010-02747 Items	
Repair, AMAT 0010-02747, Typical	Legacy Product
All AMAT 0010-02977 Items	
Repair, AMAT 0010-02977, HE PVD, Typical	
Overhaul, AMAT 0010-02977, HE PVD, Typical	
All AMAT 0010-04137 Items	
Repair, AMAT 0010-04137, Typical	
EX Repair, AMAT 0010-04137, Typical	
Overhaul, AMAT 0010-04137, Typical	
All AMAT 0010-04138 Items	
Repair, AMAT 0010-04138, Typical	
EX Repair, AMAT 0010-04138, Typical	
Overhaul, AMAT 0010-04138, Typical	
All AMAT 0010-05846 Items	



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Model Number / Description	Notes
Repair, AMAT 0010-05846, Vectra, Typical	
Overhaul, AMAT 0010-05846, Vectra, Typical	
All AMAT 0010-09007 Items	
Repair, AMAT 0010-09007, Phase III, CVD, Typical	Legacy Product
All AMAT 0010-09416 Items	
Repair, AMAT 0010-09416, Typical	Legacy Product
EX Repair, AMAT 0010-09416EX, Typical	Legacy Product
Overhaul, AMAT 0010-09416, Typical	Legacy Product
STI Repair, AMAT 0010-09416STI, Typical	Legacy Product
STI Overhaul, AMAT 0010-09416STI, Typical	Legacy Product
Repair & STI Upgrade, AMAT 0010-09416STI, Typical	Legacy Product
Overhaul & STI Upgrade, AMAT 0010-09416STI, Typical	Legacy Product
All AMAT 0010-09417 Items	
Repair, AMAT 0010-09417, Typical	Legacy Product
Overhaul, AMAT 0010-09417, Typical	Legacy Product
All AMAT 0010-09490 Items	
Repair, AMAT 0010-09490, Tungsten, Typical	Legacy Product
EX Repair, AMAT 0010-09490, Tungsten, Typical	Legacy Product
Overhaul, AMAT 0010-09490, Tungsten, Typical	Legacy Product
All AMAT 0010-09750 Items	
Repair, AMAT 0010-09750, Typical	Legacy Product
EX Repair, AMAT 0010-09750, Typical	Legacy Product
Overhaul, AMAT 0010-09750, Typical	Legacy Product
All AMAT 0010-09785 Items	
Repair, AMAT 0010-09785, Typical	Legacy Product
EX Repair, AMAT 0010-09785, Typical	Legacy Product
Overhaul, AMAT 0010-09785, Typical	Legacy Product
All AMAT 0010-10579 Items	
Repair, AMAT 0010-10579, MXP, Typical	Legacy Product
EX Repair, AMAT 0010-10579, MXP, Typical	Legacy Product

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Model Number / Description	Notes
Overhaul, AMAT 0010-10579, MXP, Typical	Legacy Product
All AMAT 0010-12088 Items	
Repair, AMAT 0010-12088, HYBRID, MXP, Typical	
Overhaul, AMAT 0010-12088, HYBRID, MXP, Typical	
All AMAT 0010-12090 Items	
Repair, AMAT 0010-12090, Hybrid, Typical	
Overhaul, AMAT 0010-12090, Hybrid, Typical	
All AMAT 0010-12112 Items	
Repair, AMAT 0010-12112, HE, Typical	
All AMAT 0010-13602 Items	
Repair, AMAT 0010-13602, HE, Typical	
Overhaul, AMAT 0010-13602, HE, Typical	
All AMAT 0010-13622 Items	
Repair, AMAT 0010-13622, VECTRA, Typical	
Overhaul, AMAT 0010-13622, VECTRA, Typical	Now uses Comet Capacitors because the Jennings are obsolete
All AMAT 0010-13623 Items	
Repair, AMAT 0010-13623, VECTRA, Typical	
Overhaul, AMAT 0010-13623, VECTRA, Typical	Now uses Comet Capacitors because the Jennings are obsolete
All AMAT 0010-13627 Items	
Repair, AMAT 0010-13627, HE PVD, Typical	
Overhaul, AMAT 0010-13627, HE PVD, Typical	
All AMAT 0010-13878 Items	
Repair, AMAT 0010-13878, HE, Typical	
Overhaul, AMAT 0010-13878, HE, Typical	
All AMAT 0010-14225 Items	
Repair, AMAT 0010-14225, Typical	
Overhaul, AMAT 0010-14225, Typical	Now uses Comet Capacitors because the Jennings are obsolete
All AMAT 0010-14841 Items	
Repair, AMAT 0010-14841, VECTRA, Typical	
Overhaul, AMAT 0010-14841, VECTRA, Typical	Now uses Comet Capacitors because the Jennings are obsolete

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Model Number / Description	Notes
All AMAT 0010-15877 Items	
Repair, AMAT 0010-15877, Typical	
Overhaul, AMAT 0010-15877, Typical	
All AMAT 0010-17364 Items	
Repair, AMAT 0010-17364, Typical	
Repair, AMAT 0010-17364, Typical + both vacuum capacitors	Now uses Comet Capacitors because the Jennings are obsolete
All AMAT 0010-17367 Items	
Repair, AMAT 0010-17367, Typical	
Overhaul, AMAT 0010-17367, Typical	Now uses Comet Capacitors because the Jennings are obsolete
All AMAT 0010-19529 Items	
Repair, AMAT 0010-19529, HE, Typical	
Overhaul, AMAT 0010-19529, HE, Typical	
All AMAT 0010-20524 Items	
Repair, AMAT 0010-20524, PVD Preclean, Typical	Legacy Product
EX Repair, AMAT 0010-20524, PVD Preclean, Typical	Legacy Product
Overhaul, AMAT 0010-20524, PVD Preclean, Typical	Legacy Product
All AMAT 0010-20525 Items	
Repair, AMAT 0010-20525, PVD Preclean, Typical	Legacy Product
EX Repair, AMAT 0010-20525, PVD Preclean, Typical	Legacy Product
Overhaul, AMAT 0010-20525, PVD Preclean, Typical	Legacy Product
All AMAT 0010-21705 Items	
Repair, AMAT 0010-21705, VECTRA, Typical	
Overhaul, AMAT 0010-21705, VECTRA, Typical	Now uses Comet Capacitors because the Jennings are obsolete
All AMAT 0010-21748 Items	
Repair, AMAT 0010-21748, Typical	
Overhaul, AMAT 0010-21748, Typical	
All AMAT 0010-22041 Items	
Repair, AMAT 0010-22041, Typical	
Overhaul, AMAT 0010-22041, Typical	Now uses Comet Capacitors because the Jennings are obsolete
All AMAT 0010-22161 Items	

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Model Number / Description	Notes
Repair, AMAT 0010-22161, HE, Typical	
Overhaul, AMAT 0010-22161, HE, Typical	
All AMAT 0010-22225 Items	
Repair, AMAT 0010-22225, Typical	
All AMAT 0010-24385 Items	
Repair, AMAT 0010-24385, HIGH EFF, Typical	
All AMAT 0010-25893 Items	
Repair, AMAT 0010-25893, PVD RF Match, HIGH EFF, Typical	
All AMAT 0010-28716 Items	
Repair, AMAT 0010-28716, Typical	
All AMAT 0010-28719 Items	
Repair, AMAT 0010-28719, Typical	ICE 2 MHz SIP ENCORE
All AMAT 0010-28720 Items	
Repair, AMAT 0010-28720, Typical	
All AMAT 0010-30094 Items	
Repair, AMAT 0010-30094, Typical	Legacy Product
EX Repair, AMAT 0010-30094, Typical	Legacy Product
Overhaul, AMAT 0010-30094, Typical	Legacy Product
All AMAT 0010-30236 Items	
Repair, AMAT 0010-30236, Typical	
Overhaul, AMAT 0010-30236, Typical	
All AMAT 0010-30686 Items	
Repair, AMAT 0010-30686, HE MXP+, Typical	
Overhaul, AMAT 0010-30686, HE MXP+, Typical	
Repair, AMAT 0010-30686HS, HE MXP+, Typical, Includes "HS" Cap	Hard Stop - Cannot be combined with "Q" Cap repair
Repair, AMAT 0010-30686Q, HE MXP+, Typical, Includes "Q" Cap	Includes "Q" Cap
Repair, AMAT 0010-30686HPQ, HE MXP+, Typical, Includes Hi Power Upgrade and "Q" Cap	Includes Hi Power Upgrade and "Q" Cap
Overhaul, AMAT 0010-30686HPQ, HE MXP+, Typical, Includes High Power Upgrade and "Q" Cap	Includes Hi Power Upgrade and "Q" Cap

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All AMAT 0010-30687 Items	
Repair, AMAT 0010-30687, HE MXP, Typical	
Overhaul, AMAT 0010-30687, HE MXP, Typical	
Repair, AMAT 0010-30687HPQ, HE MXP+, Typical, Includes Hi Power Upgrade and "Q" Cap	Includes Hi Power Upgrade and "Q" Cap
All AMAT 0010-30724 Items	
Repair, AMAT 0010-30724, HE MXP, Typical	
Overhaul, AMAT 0010-30724, HE MXP, Typical	
Repair, AMAT 0010-30724HPQ, HE MXP, Typical	Includes Hi Power Upgrade and "Q" Cap
All AMAT 0010-31277 Items	
Repair, AMAT 0010-31277, Typical	Product Development - Call
Overhaul, AMAT 0010-31277, Typical	Product Development - Call
All AMAT 0010-32148 Items	
Repair, AMAT 0010-32148, Typical	
All AMAT 0010-33566 Items	
Repair, AMAT 0010-33566, Typical	Legacy Product
All AMAT 0010-33641 Items	
Repair, AMAT 0010-33641, Typical	
All AMAT 0010-33724 Items	
Repair, AMAT 0010-33724, Typical	
All AMAT 0010-34895 Items	
Repair, AMAT 0010-34895, Typical	
Overhaul, AMAT 0010-34895, Typical	
All AMAT 0010-35973 Items	
Repair, AMAT 0010-35937, Typical	
Overhaul, AMAT 0010-35937, Typical	
All AMAT 0010-36114 Items	
Repair, AMAT 0010-36114, DPS BIAS, Typical	Legacy Product
EX Repair, AMAT 0010-36114, DPS BIAS, Typical	Legacy Product
Overhaul, AMAT 0010-36114, DPS BIAS, Typical	Legacy Product

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All AMAT 0010-36162 Items	
Repair, AMAT 0010-36162, MXP+, Typical	Legacy Product
EX Repair, AMAT 0010-36162, MXP+, Typical	Legacy Product
Overhaul, AMAT 0010-36162, MXP+, Typical	Legacy Product
All AMAT 0010-36408 Items	
Repair, AMAT 0010-36408, DPS Bias, Typical	Legacy Product
EX Repair, AMAT 0010-36408, DPS Bias, Typical	Legacy Product
Overhaul, AMAT 0010-36408, DPS Bias, Typical	Legacy Product
All AMAT 0010-37209 Items	
Repair, AMAT 0010-37209, Galden, Typical	Legacy Product
EX Repair, AMAT 0010-37209, Galden, Typical	Legacy Product
Overhaul, AMAT 0010-37209, Galden, Typical	Legacy Product
All AMAT 0010-37220 Items	
Repair, AMAT 0010-37220, Typical	
Overhaul, AMAT 0010-37220, Typical	
All AMAT 0010-39207 Items	
Repair, AMAT 0010-39207, Typical	
All AMAT 0010-39432 Items	
Repair, AMAT 0010-39432, Typical	
All AMAT 0010-41000 Items	
Repair, AMAT 0010-41000, Typical	
Overhaul, AMAT 0010-41000, Typical	
All AMAT 0010-42740 Items	
Repair, AMAT 0010-42740, Typical	10009943
Overhaul, AMAT 0010-42740, Typical	10009943
All AMAT 0010-42741 Items	
Repair, AMAT 0010-42741, Typical	10009945
Overhaul, AMAT 0010-42741, Typical	10009945
All AMAT 0010-42743 Items	
Repair, AMAT 0010-42743, Typical	

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Model Number / Description	Notes
Overhaul, AMAT 0010-42743, Typical	
All AMAT 0010-42745 Items	
Repair, AMAT 0010-42745, Typical	10011544
Overhaul, AMAT 0010-42745, Typical	10011544
All AMAT 0010-52033 Items	
Repair, AMAT 0010-52033, Typical	20065533
Overhaul, AMAT 0010-52033, Typical	20065533
All AMAT 0010-52034 Items	
Repair, AMAT 0010-52034, Typical	20067432
Overhaul, AMAT 0010-52034, Typical	20067432
All AMAT 0010-52036 Items	
Repair, AMAT 0010-52036, Typical	
Overhaul, AMAT 0010-52036, Typical	
All AMAT 0010-52038 Items	
Repair, AMAT 0010-52038, Typical	20065535
Overhaul, AMAT 0010-52038, Typical	20065535
All AMAT 0090-05161 Items	
Repair, AMAT 0090-05161, Typical	Legacy Product
EX Repair, AMAT 0090-05161, Typical	Legacy Product
All AMAT 0240-36783 Items	
Repair, AMAT 0240-36783, Typical	
All AMAT Side Matches	
Repair, AMAT 0010-07437, Typical	HDP
Repair, AMAT 0010-12194, Typical	
Repair, AMAT 0010-18129, Typical	
Repair, AMAT 0010-18130, Typical	Without Fan and coil, used on Side Ultima standard chamber
Repair, AMAT 0010-17437, Typical	Without Fan and coil, used on Side Ultima standard chamber
Repair, AMAT 0010-11479, Typical	With Fan and coil, used on Side Ultima+ chamber
Repair, AMAT 0010-13524, Typical	With Fan and coil, used on Side Ultima+ chamber
Repair, AMAT 0010-11468, Typical	w/Fan

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Model Number / Description	Notes
Repair, AMAT 0010-33746, Typical	Replaced 0010-13524
Repair, AMAT 0010-02849, Typical	
Repair, AMAT 0010-02850, Typical	Without fan and coil, used on Side Ultima standard chamber
All AMAT Dome Style Matches	
Repair, AMAT 0190-06234-002, Typical	DPN Chamber
Overhaul, AMAT 0190-06234-002, Typical	DPN Chamber
Repair, AMAT 1110-01043, Typical	AE 3155086-xxx
Overhaul, AMAT 1110-01043, Typical	AE 3155086-xxx
Repair, AMAT 1110-01046, Typical	AE 3155086-xxx
Overhaul, AMAT 1110-01046, Typical	AE 3155086-xxx
Repair, AMAT 1110-01063, Typical	AE 3155086-xxx
Overhaul, AMAT 1110-01063, Typical	AE 3155086-xxx
Repair, AMAT 1110-01057, Typical	10.9 - 13.1 MHz
Repair, AMAT 1110-01057-001, Typical	10.9 - 13.1 MHz
All AMAT ESC Power Supplies	
Repair, AMAT 0010-04926, HV Module, CESC, Typical	
Repair, AMAT 0010-09933, HV Module Assy., Typical	
Repair, AMAT 0010-10901, HV Module, ESC, Typical	
Repair, AMAT EMAX 0010-11239, Assy., HV Module, Typical	
Repair, AMAT 0010-14630, HV Module, ESC, Typical	
Repair, AMAT 0010-18247, ESC Module, Typical	
Repair, AMAT 0010-30091, HV Module ESC, Typical	
Repair, AMAT 0010-30139, ESC/Temp CTL, Typical	
Repair, AMAT 0010-36940, HV Module Assy., Typical	
Repair, AMAT 0010-36941, HV Module Assy., Typical	
Repair, AMAT 0010-39867, HV Module Assy., Typical	
Repair, AMAT 0010-93076, ESC/Temp CTL, Typical	
All Comdel Automatches	
Repair, Comdel CPMX-2500, Typical	FP2308R4, FP2307R1
Overhaul, Comdel CPMX-2500, Typical	FP2308R4, FP2307R1



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Model Number / Description	Notes
Repair, Comdel CPMX-0000, Typical	4 MHz, Product Development - Call
Repair, Comdel FP2266R1, Typical	LFMN8\5
All Comet Automatches	
Repair, Comet 10008421, Typical	0190-31270
Overhaul, Comet 10008421, Typical	0190-31270
Repair, Comet 10008781, Typical	0190-30303
Overhaul, Comet 10008781, Typical	0190-30303
Repair, Comet 10009528, Typical	
Overhaul, Comet 10009528, Typical	
Repair, Comet 10010718, Typical	0190-32643
Repair, Comet 10011020, Typical	0190-33856
Repair, Comet 10011021, Typical	0190-32974
Overhaul, Comet 10011021, Typical	0190-32974
Repair, Comet 10011155, Typical	27-367855-00
Overhaul, Comet 10011155, Typical	27-367855-00
Repair, Comet 10008781, Typical	0190-30303
Overhaul, Comet 10008781, Typical	0190-30303
Repair, Comet 20031426, Typical	0190-34492
Overhaul, Comet 20031426, Typical	0190-34492
Repair, Comet 20033325, Typical	0190-38451
Overhaul, Comet 20033325, Typical	0190-38451
Repair, Comet 20034090, Typical	0190-37117
Overhaul, Comet 20034090, Typical	0190-37117
Repair, Comet 20031687, Typical	27-375850-00
Overhaul, Comet 20031687, Typical	27-375850-00
Repair, Comet 20034274, Typical	0190-38622
Repair, Comet 20045281, Typical	0090-06277
Repair, Comet 20067580, Typical	0190-43023
Repair, Comet 20047804, Typical	0190-38260
Repair, Comet 20054998, Typical	0190-40238

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## Repair/Overhaul List

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Model Number / Description	Notes
Overhaul, Comet 20054998, Typical	0190-40238
Repair, Comet 20056352, Typical	27-422531-00
Overhaul, Comet 20056352, Typical	27-422531-00
Repair, Comet 20066182, Typical	27-450132-00
Repair, Comet 20069401, Typical	0190-43514
Overhaul, Comet 20066182, Typical	27-450132-00
Repair, Comet 20062704 , Typical	0190-41240
Repair, Comet 20066745, Typical	0190-42550
Repair, Comet 20067921, Typical	0190-43295
Overhaul, Comet 20067921, Typical	0190-43295
Repair, Comet 20083957, Typical	0190-51811
All Daihen Controllers	
Repair, Daihen MOP-10A, Typical	
Repair, Daihen MOP-10B, Typical	
Repair, Daihen CB-10A, Typical	
Repair, Daihen CB-10B, Typical	
Repair, Daihen CB-13A, Typical	
Repair, Daihen CB-13B, 1D80-004982-13, Typical	
All Daihen Automatches	
Repair, Daihen AMN-30C10, Typical + Replace both Vacuum Caps	ES1D80004121-13
Repair, Daihen AMN-30C11, , Typical + Replace both Vacuum Caps	1D80-004121-23; ES1D80004121-13
Repair, Daihen AMN-30CB, Typical + Replace both Vacuum Caps	3D80-000142-1*
Repair, Daihen AMN-30F, Typical + Replace both Vacuum Caps	3D80-000142
Repair, Daihen AMN-50B2, Typical + Replace both Vacuum Caps	3D80-000793-14 / 3D80-000793-1*
Repair, Daihen AMN-50E1, Typical + Replace both Vacuum Caps	3D80-001458-22
Repair, Daihen AMN-50F, Typical + Replace both Vacuum Caps	3D80-001458-1*
Repair, Daihen AMN-50E6, Typical	
Repair, Daihen AMN-50E6, Typical + Replace both Vacuum Caps	
Repair, Daihen AMN-50H, Typical	3D39-050097
Repair, Daihen AMN-50H, Typical + Replace both Vacuum Caps	3D39-050097

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Model Number / Description	Notes
Repair, Daihen AMN-50H2, Typical	3D39-050097-22
Repair, Daihen AMN-50H2, Typical + Replace both Vacuum Caps	3D39-050097-22
Repair, Daihen AMN-50K1, 3D39-050097-22, Typical	
Repair, Daihen AMN-50K1, Typical + Replace both Vacuum Caps	
Repair, Daihen Dauma 10N211, Typical	
Repair, Daihen FRM-30A, Typical	2L39-000017-14
Overhaul, Daihen FRM-30A, Typical	2L39-000017-14
Repair, Daihen MFM-20SA, Typical	Product Development - Call
Repair, Daihen NX-AMN-50H, Typical	
Repair, Daihen NX-AMN-50E1, Typical	
Repair, Daihen NX-AMN-50E8, ES3D80-001458-xx, Typical	
Repair, Daihen RMN-10J3, 1D80-003810-11, Typical	
Repair, Daihen RMN-10J3, Typical + Replace both Vacuum Caps	
Repair, Daihen RMN-20E2, Typical + Replace both Vacuum Caps	3D80-000143
Repair, Daihen RMN-50B, Typical + Replace both Vacuum Caps	0190-71181
Repair, Daihen RMN-50B2, Typical + Replace both Vacuum Caps	3D80-001482
Repair, Daihen RMN-50H, Typical + Replace both Vacuum Caps	3D39-050097
Repair, Daihen RMN-50K1, 3D39-000008, Typical	
Repair, Daihen RMN-50K1, Typical + Replace both Vacuum Caps	3D39-000008
Repair, Daihen RMN-50M2, Typical + Replace both Vacuum Caps	0190-10906
Repair, Daihen RMN-50N6, Typical + Replace both Vacuum Caps	0190-25187
Repair, Daihen RMN-50P, Typical + Replace both Vacuum Caps	ES3D39-050097-xx / 3D39-050098
Repair, Daihen RMN-50T, Typical + Replace both Vacuum Caps	3D39-000002
Repair, Daihen WMN-30E, Typical	
Overhaul, Daihen WMN-30E, Typical	
Repair, Daihen WMN-30F, Typical	1D80-004122-17
Overhaul, Daihen WMN-30F, Typical	1D80-004122-17
Repair, Daihen WMN-50C, Typical	3D80-000604-xx
Overhaul, Daihen WMN-50C	3D80-000604-xx
Repair, Daihen WMN-50C6, Typical	3D80-001591-V*

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Model Number / Description	Notes
Overhaul, Daihen WMN-50C6	3D80-001591-V*
Repair, Daihen WMN-50H6, 3D80-050149-41, Typical	3D39-050149-41
Repair, Daihen WMN-50H6, Typical + Replace both Vacuum Caps	3D39-050149-41
All Dressler Automatches	
Repair, Dressler VM-1000A, Typical	
All ENI Automatches	
Repair, ENI DOFBC2-075, Typical	660-002296R-004 000-1103-088
Overhaul, ENI DOFBC2-075 Typical	660-002296R-004 000-1103-088
Repair, ENI 000-1093-075, Typical	
Overhaul, ENI 000-1093-075, Typical	
Repair, ENI 000-1134-075R , Typical	
Overhaul, ENI 000-1134-075R , Typical	
Repair, ENI 000-1103-075, Typical	
Repair, ENI 000-1103-088, Typical	
Repair, ENI 660-002296-002, Typical	
Repair, ENI 660-002296-004, Typical	
Repair, ENI MW-10-21191, Typical	Legacy Product
Repair, ENI MW-10, Typical	Legacy Product
Repair, ENI MW-10D, Typical	
Repair, ENI MW-10T, Typical	Legacy Product
Repair, ENI MW-25D-02M1, Typical	
Repair, ENI MW-25D-02M3, Typical	
Repair, ENI MW-5-21021, Typical	Legacy Product
Repair, ENI MW-5, Typical	Legacy Product
Repair, ENI MW-5D-01B, Typical	
Repair, ENI MW-5D-01A, Typical	
Repair, ENI MW-5D-01M2, Typical	
Repair, ENI MW-5D-01M5, Typical	
Repair, ENI MW-5D, Typical	
Repair, ENI MW-5DM11, Typical	
Repair, ENI MW-25D, Typical	

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Model Number / Description	Notes
Repair, ENI MW-25D-02M1, Typical	
Repair, ENI MW-25D-02M3, Typical	
Overhaul, ENI MW-25D-02M3, Typical	
Repair, ENI MWD-25LD-02, Typical	
Overhaul, ENI MWD-25LD-02, Typical	
Repair, ENI MWD-25LD-06, Typical	
Overhaul, ENI MWD-25LD-06, Typical	
Repair, ENI MW2-30-02, Typical	Dual Frequency
Repair, ENI MW2-500340-01, Typical	Dual Frequency
Repair, ENI MW2-60-04, Typical	Dual Frequency
Repair, ENI MWD-55LD-01, Typical	
Overhaul, ENI MWD-55LD-01, Typical	
Repair, ENI MWH-100-1, Typical	
Repair, ENI MWH-100-1, Includes New Vacuum Capacitors, Typical	
Repair, ENI MWH-100-01, Typical	
Repair, ENI MWH-100-01M6, Typical	
Repair, ENI MWH-25-04, Typical	
Overhaul, ENI MWH-25-04, Typical	Legacy Product
Repair, ENI MWH-5-01M1, Typical	Legacy Product
Repair, ENI MWH-5-01M2, Typical	Legacy Product
Repair, ENI MWH-5-01M3, Typical	Legacy Product
Repair "FJ", ENI MWH-5-01M3, Typical	Legacy Product - Upgrade to S-06-076
EX Repair, ENI S-06-076, Typical	Legacy Product
Repair, ENI MWM-25-02X, Typical	
Overhaul, ENI MWM-25-02X, Typical	
Repair, ENI S-04-002, Typical	
All ENI Controllers	
Repair, ENI RFC-5MW, Typical	
Repair, ENI RFC6-01, Typical	
Repair, ENI RFC6-02, Typical	

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Model Number / Description	Notes
All LAM Automatches	
All LAM 490 Series Matches	
Repair LAM (490), 853-002-029-001, Typical	Does not include controller
Repair 853-800838-011, Typical	
All LAM DSQ Series Matches	
Repair, LAM DSQ, 853-025735-001, Typical	
Repair, LAM DSQ, 853-025735-001, Typical + New VAC CAPS	
Repair, LAM DSQ, 853-025735-004, Typical	
Repair, LAM DSQ, 853-025735-004, Typical + New VAC CAPS	
Repair, LAM DSQ, 853-025735-008, Typical	
Repair, LAM DSQ, 853-025735-008, Typical + New VAC CAPS	
All LAM Flex Series Matches	
Repair, LAM KIYO, 853-040482-301, Typical	
Overhaul, LAM KIYO, 853-040482-301, Typical	
Repair, LAM KIYO, 853-040482-502, Typical	
Repair, LAM KIYO, 853-040482-625, Typical	
Repair, LAM KIYO, 853-040482-680, Typical	
Repair, LAM KIYO, 853-040482-682, Typical	
All LAM KIYO Series Matches	
Repair, LAM KIYO, 832-038915-101, Typical	
Overhaul, LAM KIYO, 832-038915-101, Typical	
Repair, LAM KIYO, 832-038915-103, Typical	
Overhaul, LAM KIYO, 832-038915-103, Typical	
Repair, LAM KIYO, 853-034908-009, Typical	
Overhaul, LAM KIYO, 853-034908-009, Typical	
Repair, LAM KIYO, 853-038915-001, Typical	
Overhaul, LAM KIYO, 853-038915-001, Typical	
Repair, LAM KIYO, 853-038915-100, Typical	
Overhaul, LAM KIYO, 853-038915-100, Typical	
Repair, LAM KIYO, 853-038915-103, Typical	

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Model Number / Description	Notes
Overhaul, LAM KIYO, 853-038915-103, Typical	
Repair, LAM KIYO, 853-043759-004, Typical	
Overhaul, LAM KIYO, 853-043759-004, Typical	
Repair, LAM KIYO, 853-043759-401, Typical	
Overhaul, LAM KIYO, 853-043759-401, Typical	
Repair, LAM KIYO, 853-800120-011, Typical	
All LAM LoFat Series Matches	
Repair, LAM LoFat, 853-025903-001, Typical	
Repair, LAM LoFat, 853-025903-002, Typical	
Repair, LAM LoFat, 853-025903-003, Typical	
All LAM TCP Series Matches	
Repair, LAM TCP, 853-031685-001, Typical	
Repair, LAM TCP, 853-031685-002, Typical	
Repair, LAM TCP, 853-031685-003, Typical	
Repair, LAM TCP, 853-032190-006, Typical	
Repair, LAM TCP, 853-032190-008, Typical	
Overhaul, LAM TCP, 853-032190-008, Typical	
Repair, LAM TCP, 853-032190-306, Typical	
All LAM T-Matches	
Repair, LAM T-Match, 853-032294-001, Typical	
Repair, LAM T-Match, 853-032294-002, Typical	
Repair, LAM T-Match, 853-032294-003, Typical	
Repair, LAM T-Match, 853-032294-004, Typical	
Repair, LAM T-Match, 853-032294-603, Typical	
Overhaul, LAM T-Match, Typical	
Repair, LAM T-Match, 832-034908-009, Typical	
Overhaul, LAM T-Match, 832-034908-009, Typical	
All LAM Mini Matches	
Repair, LAM Mini-Match, 853-015130-002, Typical	
Repair, LAM Mini-Match, 853-015130-003, Typical	

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Model Number / Description	Notes
Repair, LAM Mini-Match, 853-015130-004, Typical	
Repair, LAM Mini-Match, 853-015130-006, Typical	
Repair, LAM Mini-Match, 853-015130-102, Typical	
Repair, LAM Mini-Match, 853-015130-103, Typical	
Repair, LAM Mini-Match, 853-015130-202, Typical	
Repair, LAM Mini-Match, 853-015130-204, Typical	
Repair, LAM Mini-Match, 853-015130-205, Typical	
Repair, LAM Mini-Match, 853-025083-001, Typical	
Repair, LAM Mini-Match, 853-025083-002, Typical	
Repair, LAM Mini-Match, 853-025083-003, Typical	
Repair, LAM Mini-Match, 853-025083-004, Typical	
Repair, LAM Mini-Match, 853-025083-022, Typical	
Repair, LAM Mini-Match, 853-250001-021, Typical	
Repair, LAM Mini-Match, 853-250001-023, Typical	
Repair, LAM Mini-Match, 853-250001-024, Typical	
Repair, LAM Mini-Match, 853-330951-001, Typical	
Repair, LAM Mini-Match, 853-330951-021, Typical	
Repair, LAM Mini-Match, 853-330951-023, Typical	
Overhaul, LAM Mini-Match, Typical	
All other LAM / Novellus Matches	
Repair, LAM 63-376607-00, Typical	
All MKS Automatches	
All MKS MWJ Type Units	
Repair, MKS MWJ-1013, Typical	Japan
All Nordson Automatches	
Repair, Nordson COOLWAVE II, MPS2-610V, Typical	1074164A, 1098493A, 1600790, 1605254, 1612277
All Novellus Automatches	
Repair, Novellus 63-316420-00, Typical	
All PSK Automatches	
Repair, PSK 2KW Match, Typical	



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Model Number / Description	Notes
All RF Services Automatches	
Repair, RFS500, Typical	9900-0003-01
Repair, RFS 500/700, Typical	9900-0003-31      0995-99753
Repair, RFS-1000, Typical	9900-0003-15; 10MS18020
Repair, 553-19663-00, Typical	
Repair, RFS-1019, Typical	
Overhaul, RFS-1019, Typical	
Repair, RFS-3016, Typical	553-19663-00
Overhaul, RFS-3016, Typical	553-19663-00
Repair, RFS-3017, Typical	553-21146-00
Overhaul, RFS-3017, Typical	553-21146-00
Repair, RFS-3018, Typical	553-19819-00
Overhaul, RFS-3018, Typical	553-19819-00
Repair, RFS-3019, Typical	553-21311-00, 3006122, 3004759 (Legacy Product)
Repair, 233095-01, Typical	
Repair, 233771-01, Typical	
Overhaul, 233771-01, Typical	
Repair, 232860-01, Typical	Legacy Product
Repair, 7600001010, Typical	Legacy Product - Must have controller to repair
Repair, 7600001014, Typical	Legacy Product - Must have controller to repair
All RFPP Services Automatches	
Repair, AMNPS-2A, Typical	Controller    3050048
Repair, 7621104010, Typical	
Repair, 7621020010, Typical	7004-0100-1
Repair, 7624923010, Typical	Controller
Repair, I22050001, Typical	Controller    7004-0100-5    3050041    AMNPS-2A
Repair, 7610807050, Typical	Controller      7004-0011-1
Repair, 7622209010, Typical	Controller
Repair, 7622711010, Typical	Controller
All Seren Automatches	

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Model Number / Description	Notes
Repair, Seren AT-10, Typical	
Repair, Seren AT-20, Typical	
Repair, Seren AT-25NVL, Typical	UNAXIS
Repair, Seren AT-3, Typical	
Repair, Seren AT-30, Typical	
Repair, Seren AT-50/75, Typical	
Repair, Seren AT-50/125, Typical	
Repair, Seren AT-50/140, Typical	
Repair, Seren AT-50/180, Typical	
Repair, Seren AT-6/100, Typical	
Repair, Seren AT-6NVL, Typical	9400000014
Repair, Seren AT-6/500, Typical	
Repair, Seren ATS6M, Typical	9400460002
Repair, Seren AT-6NVL, Typical	
All Seren Controllers	
Repair, Seren MC-2 Controller, Typical	9200010000
All Tegal Automatches	
All Tegal CR Type Units	
Repair, Tegal CR1008, Typical	
Repair, Tegal CR1008-00406RW, Typical	
Repair, Tegal CR1113, Typical	
Repair, Tegal CR1113-00301, Typical	
Repair, Tegal CR1113-00801, Typical	
All Trazar Automatches	
All Trazar AMU Type Units	
Repair, Trazar AMU10D-4.F47, Typical	
Repair, Trazar AMU10D-1, Typical	2741-001 (914-92003-00)
Overhaul, Trazar AMU10D-1, Typical	2741-001 (914-92003-00)
Repair, Trazar AMU10D-2, Typical	914-92003-00
Overhaul, Trazar AMU10D-2, Typical	914-92003-00

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Model Number / Description	Notes
Repair, Trazar AMU10D-4, Typical	
Overhaul, Trazar AMU10D-4, Typical	
Repair, Trazar AMU10E-1, Typical	27-034223-00
Overhaul, Trazar AMU10E-1, Typical	27-034223-00
Repair, Trazar AMU10E-2, Typical	27-118072-00
Overhaul, Trazar AMU10E-2, Typical	27-118072-00
Repair, Trazar AMU10G-1, Typical	27-052211-00
Overhaul, Trazar AMU10G-1, Typical	27-052211-00
Repair, Trazar AMU1A-20, Typical	Legacy Product / 9995-99629
Overhaul, Trazar AMU1A-20, Typical	Legacy Product / 9995-99629
Repair, Trazar AMU2-1, Typical	27-032653-00 / 27-121645-00
Overhaul, Trazar AMU2-1, Typical	27-032653-00 / 27-121645-00
Repair, Trazar AMU2C-1, Typical	27-024562-00
Overhaul, Trazar AMU2C-1, Typical	27-024562-00
Repair, Trazar AMU2D-1, Typical	3767-001
Overhaul, Trazar AMU2D-1, Typical	3767-001
Repair, Trazar AMU5, Typical	
Repair, Trazar 27-032653-00, Typical	AMU2-1
Overhaul, Trazar 27-032653-00, Typical	AMU2-1
All Trazar RFDS Type Units	
Repair, Trazar RFDS-1, Typical	
Repair, Trazar 553-07491-00, RFDS-1 (splitter only), Typical	
All Trazar SRN Type Units	
Repair, Trazar 02-132080-00, TR3600, (SRD#: CVD-0006-06-2001), Typ	Legacy Product / Item #: 2393-001 - UNIV HDP
Repair, Trazar 02-255013-00, Typical	Legacy Product
Repair, Trazar 02-02260913-10, Typical	Legacy Product
Repair, Trazar 02-259206-00, Typical	Legacy Product
Repair, Trazar 02-251401-00, Typical	Legacy Product
Repair, Trazar 02-260913-01, Typical	Legacy Product
Repair, Trazar SRN1-2, Typical	Legacy Product

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Model Number / Description	Notes
Repair, Trazar 27-132651-00, Typical	Legacy Product / SRN1-2
Repair, Trazar 27-045983-00, Typical	Legacy Product / SRN1-2
All Trazar ECC Type Units	
Repair, Trazar ECC1-1, Typical	27-034079-01
Repair, Trazar ECC1-3, Typical	
Repair, Trazar ECC1-4, Typical	
Repair, Trazar ECC1-4F, Typical	27-153218-00
Repair, Trazar ECC1-5, Typical	
Repair, Trazar ECC1-1M, Typical	62733-001
Repair, Trazar ECC1-6, Typical	
Repair, Trazar ECC3-1, Typical	
Repair, Trazar ECC3-2, Typical	27-285547-00
Repair, Trazar ECC3-3, Typical	62709-001
Repair, Trazar 19-162064-00, Typical	62486-001
Repair, Trazar RFS1-3, 27-041212-00, Typical	Switch Box
Repair, Trazar RFS1-4, 02-103148-00, Typical	Switch Box
<b>DC Power Supply Repairs</b>	
All Advanced Energy DC Power Supplies	
All AE Arc Suppression Type Units	
Repair, AE Sparc-le V, Typical	
Repair, AE Sparc-le 20, Typical	3152244-000
All AE ESC Power Supplies	
Repair, AE ESC Power Supply / AZX Version	Attached to some AE AZX type matches - Will quote if needed
Repair, AE 3153105-000, ESC Power Supply Assembly, Typical	AMAT P/N: 0242-70035
Repair, AE 3153106-000, ESC Power Supply, Typical	AMAT P/N: 0190-13068
Repair, AE 3153109-102, ESC Power Supply, Typical	AMAT P/N: 0190-13321 / 0190-13069
Repair, AE 3153109-105, ESC Power Supply, Typical	AMAT P/N: 0190-06308
All AE E-WAVE Power Supplies	
Repair, AE 3152603-005, E-WAVE, Typical	
Repair, AE 3152603-008, E-WAVE, Typical	

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Model Number / Description	Notes
Repair, AE 3152603-016, E-WAVE, Typical	
All AE LMII Series Units	
Repair, AE 3152008-003, LMII 10K-HV, Typical	
All AE MDL Series Units	
Repair, AE 3152354-001, MDL1501A, Typical	
All AE MDX Series Units	
Repair, AE 2001-001-C, MDX-1L12M, Typical	
Repair, AE 2011-035-G, MDX-10K, Typical	
Repair, AE 2012-035-G, MDX-10K, Typical	
Repair, AE 2012-002, MDX-10K, Typical	
Repair, AE 2012-018, MDX-10K, Typical	
Repair, AE 2012-041, MDX-10K, Typical	
Repair, AE 2169-007-1, MDX, Typical	
Repair, AE 2272-001-C, MDX-L12M, Typical	AMAT#: 0190-76191
Repair, AE 2280-000-D, MDX-L6, Typical	
Repair, AE 2194-013-K, MDX-10K, Typical	
Repair, AE 3152011-000, MDX-5K, Typical	
Repair, AE 3152011-014, MDX-5K, Typical	
Repair, AE 3152012-125, MDX-10K, Typical	
Repair, AE 3152012-041, MDX-10K, Typical	
Repair, AE 3152012-025S, MDX-10K, Typical	
Repair, AE 3152105-000, MDX-1K, Typical	
Repair, AE 3152212-013, MDX-10K, Typical	
Repair, AE 3152212-041, MDX-10K, Typical	
Repair, AE 3152212-043, MDX-10K, Typical	
Repair, AE 3152223-003, MDX-10K, Typical	
Repair, AE 3152224-031, MDX-2.5K, Typical	
Repair, AE 3152240-008, MDX-1.5k, Typical	
Repair AE 3152194-0040, MDX, Typical	
Repair AE 3152194-008, MDX, Typical	

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Model Number / Description	Notes
Repair AE 3152194-013, MDX 10k, Typical	
Repair AE 3152261-000, MDX-500, Typical	
Repair AE 3152261-002, MDX-500, Typical	
Repair AE 3152272-000, MDX-L12M, Typical	
Repair AE 3152272-001, MDX-L12M, Typical	
Repair AE 3152313-000, MDX-L12M, Typical	
Repair AE 3152313-001, MDX-L12M, Typical	
Repair AE 3152313-002, MDX-L12M-650, Typical	
Repair AE 3152313-004, MDX-L12-650, Typical	
Repair AE 3152313-101, MDX-L12M-650, Typical	
Repair AE 3152317-000, MDX-L6, Typical	
Repair AE 3152319-000, MDX-L15, Typical	
Repair AE 3152343-000, MDX-L6, Typical	0190-76190
Overhaul AE 3152343-000, MDX-L6, Typical	
Repair AE 3152343-101, MDX-L HALO, Typical	AMAT 0190-21855, 0195-04467
Overhaul AE 3152343-101, MDX-L HALO, Typical	AMAT 0190-21855, 0195-04467
Repair AE 3152344-100, MDX-L12M, Typical	AMAT 0190-76191
Repair AE 3152344-101, MDX-L12-650, Typical	
Overhaul AE 3152344-101, MDX-L12-650, Typical	
Repair AE 3152344-104, MDX-L12 (Limited to 6k), Typical	0190-21771
Repair AE 3152344-104, MDX-L12M-650, Typical	0190-21771-004
Repair AE 3152344-105, MDX-L12M, Typical	0190-21771
Repair AE 3152344-200, MDX-L12M, Typical	0190-24702
Repair AE 3152344-201, MDX-L12M, Typical	0190-24703
Overhaul MDX-L12M, Typical	
Repair AE 3152345-100, MDX-L18M, Typical	0190-76193
Repair AE 3152384-000, MDX-500, Typical	
All AE MDX II Series Units	
Repair, AE 3152254-010, MDX II, Typical	
Repair, AE 3152255-010, MDXII-30, Typical	

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Model Number / Description	Notes
Repair, AE 3152256-009, MDX II, Typical	
Repair, AE 3152256-220, MDXII-15, Typical	
Repair, AE 3152258-006, MDXII-30, Typical	
Repair, AE 3152258-203, MDXII-30, Typical	
Repair, AE 3152258-219, MDXII-30, Typical	
All AE PEII Series Units	
Repair, AE 3157600-003, PEII 10kW, Typical	
Repair, AE 3157601-101, PEII 5K, Typical	
All AE Pinnacle/Pinnacle Plus Series Units	
Repair, AE 3152326-000, Pinnacle DC Supply, 6/6kW Typical	
Repair, AE 3152327-000, Controller Typical	
Repair AE 3152353-118, Pinnacle DC Supply, 12 kW, Typical	
Repair AE 3152362-011, Pinnacle DC Supply, 6 kW, Typical	
Repair AE 3152391-105, Pinnacle DC Supply, 20 kW, Typical	
Repair AE 3152392-000, Pinnacle DC Supply, 12 kW, Typical	
Repair AE 3152411-214, Pinnacle DC Supply, 20 kW, Typical	0190-34930
Repair AE 3152411-219, Pinnacle II DC Supply, 6 kW, Typical	0190-34931
Repair AE 3152411-233, Pinnacle DC Supply, 20 kW, Typical	
Repair AE 3152411-236, Pinnacle II DC Supply, 6 kW, Typical	0190-40164
Repair AE 3152411-243, Pinnacle DC Supply, 20 kW, Typical	0190-34646
Repair AE 3152411-245, Pinnacle II DC Supply, 20 kW, Typical	0190-34928
Repair AE 3152411-264, Pinnacle DC Supply, 20 kW, Typical	0190-34645
Repair AE 3152411-265, Pinnacle II DC Supply, 20 kW, Typical	0190-40937
Repair AE 3152411-266, Pinnacle II DC Supply, 20 kW, Typical	0190-48163
Repair AE 3152412-100, Pinnacle DC Supply, Typical	
Repair AE 3152412-107, Pinnacle DC Supply, Typical	0190-13867
Repair AE 3152412-114, Pinnacle DC Supply, Typical	0190-14124
Repair AE 3152412-115, Pinnacle DC Supply, Typical	
Repair AE 3152412-116, Pinnacle DC Supply, 10/6 Typical	0190-24502
Repair AE 3152412-117, Pinnacle DC Supply, 6 kW, Typical	0190-07493

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Model Number / Description	Notes
Repair AE 3152412-119, Pinnacle DC Supply, 20 kW, Typical	0190-05559
Repair AE 3152412-127, Pinnacle DC Supply, 6 kW, Typical	0190-12540
Repair AE 3152412-129, Pinnacle DC Supply, 20 kW, Typical	
Repair AE 3152412-149, Pinnacle DC Supply, 20 kW, Typical	0190-24483
Repair AE 3152412-159, Pinnacle DC Supply, 20 kW, Typical	0190-16280
Repair AE 3152412-214, Pinnacle DC Supply, 10/6kW Typical	0190-24502      0190-14126-001
Repair AE 3152412-243, Pinnacle DC Supply, 20kW Typical	0190-25689-001
Repair AE 3152412-244, Pinnacle DC Supply, 20kW Typical	0190-25690-001
Repair AE 3152412-302, Pinnacle DC Supply, 10/6kW Typical	
Repair AE 3152412-400, Pinnacle DC Supply, 20 kW, Typical	0190-25697
Repair AE 3152412-245, Pinnacle DC Supply, 20 kW, Typical	0190-24674
Repair AE 3152412-863, Pinnacle DC Supply, 20 kW, Typical	0190-26152
Repair AE 3152412-864, Pinnacle DC Supply, 20 kW, Typical	
Overhaul, AE Pinnacle DC Supply, 20 kW, Typical	
Repair AE 3152412-218, Pinnacle DC Supply, 6 kW Typical	0190-25715
Repair AE 3152412-219, Pinnacle DC Supply, 6 kW Typical	0190-25716
Repair AE 3152412-223, Pinnacle DC Supply, 20 kW, Typical	0190-24495
Overhaul AE 3152412-223, Pinnacle DC Supply, 20 kW, Typical	0190-24495
Repair AE 3152412-233, Pinnacle DC Supply, 20 kW, Typical	0190-25724
Repair AE 3152412-264, Pinnacle DC Supply, 20 kW, Typical	0190-25692
Repair, AE 3152417-102, MDX-Pinnacle 20kW, Typical	
Repair, AE 3152417-216, MDX-Pinnacle 20kW, Typical	
Repair AE 3152420-122, Pinnacle DC Supply, 20 kW, Typical	
Repair AE 3152421-102, Pinnacle DC Supply, 10/10 kW, Typical	
Repair AE 3152422-120, Pinnacle DC Supply, 10 kW, Typical	
Repair AE 3152428-101, Pinnacle DC Supply, 6 kW, Typical	
Repair AE 3152428-118, Pinnacle DC Supply, 6 kW, Typical	
Repair AE 3152429-108, Pinnacle DC Supply, 6 kW, Typical	
Repair AE 3152433-300, Pinnacle Plus DC Supply, 10 kW, Typical	
Repair AE 3152433-306, Pinnacle Plus DC Supply, 10 kW, Typical	



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Model Number / Description	Notes
Repair AE 3152433-358, Pinnacle Plus DC Supply, 10 kW, Typical	
Repair AE 3152435-100, Pinnacle Plus DC Supply, 5 kW, Typical	
Repair AE 3152436-103, Pinnacle Plus DC Supply, 10 kW, Typical	Product Development
Repair AE 3152436-356, Pinnacle Plus DC Supply, 10 kW, Typical	Product Development
Repair AE 3152439-300, Pinnacle Plus DC Supply, 10 kW, Typical	
Repair AE 3152442-101, Pinnacle DC Supply, 10kW Typical	
Repair AE 3152441-101, Pinnacle DC Supply, 5/5kW Typical	
Repair AE 3152531-101, Pinnacle DC Supply, 5kW Typical	
All Applied Materials Units	
All AMAT DC Power Supplies	
Core exchange, AMAT HF10-729, 1140-00394, Typical	
Core exchange, AMAT HF10-783, 1140-00480, Typical	
Core exchange, AMAT HF10-937, 1140-00620, Typical	
Repair, AMAT 0190-03358, DC Power Supply, Typical	SP664 Legacy Product
Repair, AMAT 0190-01893, DC Power Supply, Typical	VAD610664
Repair, AMAT 0010-08762, DC (ESC) Power Supply, Typical	
Repair, AMAT 0010-09181, DC Power Supply, Typical	
Repair, AMAT 0010-10245, DC Power Supply, Typical	
Repair, AMAT 0010-13657, DC Power Supply, Typical	
Repair, AMAT 0010-20000, DC Power Supply, Typical	
Repair, AMAT 0010-20001, DC Power Supply, Typical	
Repair, AMAT 0010-20079, DC Power Supply, Typical	
Repair, AMAT 0010-20211, 24 V DC Power Supply, Typical	
Repair, AMAT 0010-22481, DC Power Supply, Typical	
Repair, AMAT 0010-23802, 24 V DC Power Supply, Typical	
Repair, AMAT 0190-26767, DC Power Supply, Typical	M/N: 101294-01
Repair, AMAT 0190-25423-001, DC Power Supply, Typical	Power One SPAAMAT-01
Repair, AMAT 0190-34624, DC Power Supply, Typical	M/N: 101714-01
Repair, AMAT 0190-35866, Power Distribution Box, DPA, Typical	
Repair, AMAT 0190-35076, 24 V DC Power Supply, Typical	VAD610014

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Model Number / Description	Notes
Repair, AMAT 0190-37645, DC Power Supply, Typical	
Repair, AMAT 0190-45407, DC Power Supply, Typical	
Repair, AMAT 0010-76155, DC Power Supply, Typical	
Repair, AMAT 0010-78155, DC Power Supply, Typical	
Repair, AMAT 0010-93145, 24 V DC Power Supply, Typical	
Repair, AMAT 0010-93146, DC Power Supply, Typical	
All Control Concepts DC Power Supplies	
Repair, Control Concepts 1995-951101B-120V, Typical	0190-76244
Repair, Control Concepts 1995-951101C-120V, Typical	0190-00839
All CPI DC Power Supplies	
All CPI CPW Series Units	
Repair, CPI CPW2870A9, Typical	
Repair, CPI CPW2870B10-45, Typical	R27-251231-00
Repair, CPI VPW2870E4, Typical	
Repair, CPI VPW2870M5, Typical	
All DAIHEN DC Power Supplies	
Repair, DAIHEN DCP-208-24, Typical	0190-36252
All Delta Elektronika DC Power Supplies	
Repair, Delta Elektronika SM 15-100, Typical	
Repair, Delta Elektronika SM 30-100 D, Typical	
Repair, Delta Elektronika SM 45-70 D, Typical	
Repair, Delta Elektronika SM 300-20, Typical	
All Deltron DC Power Supplies	
Repair, Deltron 11482XA, Typical	
Repair, Deltron 11579XA, Typical	
Repair, Deltron FM12C6-04-CG, Typical	
Repair, Deltron FT46AHH33-36P, Typical	
All Dynatronix Power Supplies	
Repair, Dynatronix PMC 601/4PR-8-16XR, Typical	990-0288-140
All Electronic Measurements, Inc. Power Supplies	

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Model Number / Description	Notes
All EMS Series Units	
Repair, ESS-80-125-2-1162A, Typical	1140-90092
Repair, ESS-80-185-2-1417, Typical	Lamda PN: 00481416
Repair, ESS 200-50-2-D, Typical	Lamda PN: 00481528
Repair, EMS-6200 2-D 1230A, Typical	Lamda PN: 004731290
Repair, EMS-100-10-2D-LB, Typical	Lamda PN: 00473041
Repair, EMS-150-7-2-D, Typical	Lamda PN: 004731327
Repair, EMS-40-150-2-D-0816, Typical	Lamda PN: 00473399
Repair, EMS-25-25-2-D-0880, Typical	
Repair, EMS-5-200-2-D-1171, Typical	
Repair, EMS-600-1.6-2-D-1286, Typical	Lamda PN: 004731433
Repair, EMS-6-200 2D-1230, Typical	Lamda PN:004732122 - Varian P/N: E19002632
Overhaul, EMS-6-200 2D-1230, Typical	Lamda PN:004732122 - Varian P/N: E19002632
Repair, RE600-1.6-04, Typical	AXCELIS PN: 1214130
Repair, TCR-20S50-2-D, Typical	
All ENI DC Power Supplies	
All ENI DCG-100 Series Units	
Repair, ENI DCG-100, Typical	
Repair, ENI DCG-100Z, Typical	SPR-S03-111; 0190-14212
Repair, ENI DCG2S-A122000010, DCG-100, Typical	
Repair, ENI DCG6M-A112000010P, DCG-100, Typical	Low-Z,
Repair, ENI DPGS-10-01, Typical	AMAT 0190-36342
Repair, ENI DPGD-10-04, Typical	
Repair, ENI DPGD-10-05, Typical	AMAT 0190-00391, 0190-00390
Repair, ENI DPGS-10-CE, Typical	AMAT 0190-36342 / 0190-36343
All ENI DCG-200 Series Units	
Repair, ENI DC22S-Z022000011H,DCG-200, Typical	
Repair, ENI DC24M-Z041400011H,DCG-200, Typical	
Repair, ENI DC26M-Z041400011H,DCG-200, Typical	
Repair, ENI DC26M-DCG6M-A112000010P, DCG-100, Typical	

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Model Number / Description	Notes
Repair, ENI DCG-200 (Master), Typical	
Repair, ENI DCG-200 (Slave), Typical	
Repair, ENI DCG-200A Optima (Master), Typical	
Repair, ENI DCG-200Z Optima (Master), Typical	
Repair, ENI DPG-200A Optima (Slave), Typical	
Repair, ENI DPG-200Z Optima (Slave), Typical	
Repair, ENI DPG--200Z-S00 Optima, Typical	Slave
Repair, ENI DPG-600Z-00 Optima, Typical	Master
All ENI RPG Series Units	
Repair, ENI RPG-50A-00, Typical	
Repair, ENI RPG-50, Typical	
Repair, ENI RPG-100, Typical	
Repair, ENI RPG-100E, Typical	RPG-100E-02
All ENI QUANTA Series Units	
Repair, ENI QUANTA-10D-01, Typical	0190-36518
All ENI AC Power Distribution Units	
Repair, ENI DOFBC2-078, Typical	000-1103-078; 685-002302-002; 000-1103-085; 685-002302-003
All ENI OB1 Power Supplies	
Overhaul, ENI 000-1134-105, Typical	660-099877-300
Overhaul, ENI 000-1134-105R, Typical	660-099877R300
All Glassman Power Supplies	
Repair, Glassman E11000101B, Typical	
Repair, PS/NVQ20PN15, Typical	
Repair, PS/WX10N100-Y66, Typical	AMAT P/N: 0090-91155 (CA008418)
All Granville-Phillips Power Supplies	
Repair, Granville-Phillips 332102, Typical	AMAT P/N: 1140-01104
Repair, Granville-Phillips 349013, Typical	
All HiTek DC Power Supplies	
Repair, HiTek Power E19007850, Typical	
All Hüttinger DC Power Supplies	

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Model Number / Description	Notes
Repair, Hüttinger 1520646 , Typical	TruPlasma DC 3030
Repair, Hüttinger 1532236 , Typical	SCALO 30
Repair, Hüttinger 1600178 , Typical	TruPlasma DC 3030
Repair, Hüttinger 1733000 , Typical	TruPlasma DC 3030
Repair, Hüttinger 1856097 , Typical	TruPlasma DC 3030
All Kaiser DC Power Supplies	
Repair, Kaiser S1-4-1000, Typical	
All Kyosan DC Power Supplies	
Repair, Kyosan HPK10ZI, 15ZI-M Typical	
Repair, Kyosan HPK10ZI-TE2, Typical	3D80-050239-13
Repair, Kyosan HV-PS4, Typical	ES2L80-00061-14
All LAM DC Power Supplies	
Repair, LAM 810-107813-004 ESC Power Supply, Typical	DCC & KEX
STD Plus Repair, LAM 810-107813-004 ESC Power Supply, Typical	DCC & KEX
Repair, LAM 853-495649-002 ESC Power Supply, Typical	
Repair, LAM 853-495649-009 ESC Power Supply, Typical	
STD Plus Repair, LAM 810-495649-009 ESC Power Supply, Typical	Exelan
Repair, LAM 810-495659-313 ESC Power Supply, Typical	Exelan
Repair, LAM 810-495659-304 ESC Power Supply, Typical	
STD Plus Repair, LAM 810-495659-313 ESC Power Supply, Typical	Exelan
Repair, LAM 810-495659-400 ESC Power Supply, Typical	MCX & HiK
STD Plus Repair, LAM 810-495659-400 ESC Power Supply, Typical	MCX & HiK
Repair, LAM 853-064940-206 ESC Power Supply, Typical	KFX
STD Plus Repair, LAM 853-064940-206 ESC Power Supply, Typical	KFX
Repair, LAM 853-025054-126 ESC Power Supply, Typical	
Repair, LAM 853-025054-701 ESC Power Supply, Typical	
Repair, LAM 853-800087-404 ESC Power Supply, Typical	
Overhaul, LAM 853-800087-404 ESC Power Supply, Typical	
Repair, LAM 853-800087-406 ESC Power Supply, Typical	
Overhaul, LAM 853-800087-406 ESC Power Supply, Typical	

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Model Number / Description	Notes
All Lambda DC Power Supplies	
Repair, Lambda LIS-3I-12, Typical	
Repair, Lambda VA-26519, Typical	
Repair, Lambda YM-00-404A, Typical	
All Lumina Power DC Power Supplies	
Repair, Lumina Power LPS-1000-5-200, Typical	
All Matsusada DC Power Supplies	
Repair, Matsusada RE600-1.6-04 , Typical	
All METAPLAS Items	
All METAPLAS Plasma Controllers	
Repair, METAPLAS PVD A09, Plasma Controller, Typical	
All MKS DC Power Supplies	
All MKS OPTIMA Series Units	
Repair, MKS OPT-200Z-S00, DC Power Supply, Typical	
Repair, MKS OPT-600Z-00, DC Power Supply, Typical	
All MKS RPG Series Units	
Repair, MKS RPG-50, Typical	
Repair, MKS RPG-100, Typical	
All Nemic Lambda DC Power Supplies	
Repair, Nemic Lambda YM-03-1038A, Typical	0190-A0570
All Nordson Power Supplies	
Repair, Nordson MPS2-410V Power Supply, Typical	CoolWave II, CW2
Repair, Nordson MPS2-610V Power Supply, Typical	0190-44835, 1048493A, CoolWave II, CW2
All Power-One DC Power Supplies	
All Power-One Units	
Repair, Power-One PFC250-4001, Typical	
Repair, Power-One RMP5E5E5D8D8K, Typical	
Repair, Power-One SPAAMAT-01, Typical	0190-25423-001
Repair, Power One HPF5A6D8A6M4K, Typical	
Repair, Power One SPM5D2A6D6K, Typical	

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Model Number / Description	Notes
Repair, Power-One SP664, Typical	Legacy Product / 0190-03358-002
All Qualidyne Power Supplies	
Repair, Qualidyne 02010FM, Typical	
All Sorensen Power Supplies	
Repair, Sorensen DLM60-10M23, Typical	
All Spellman Power Supplies	
Repair, Spellman X2784, Typical	0190-07247, ESC1.5PN75X2784
Overhaul, Spellman X2784, Typical	0190-07247, ESC1.5PN75X2784
Repair, Spellman X3208, Typical	0190-17029, ESC5PN25X3208
All TReK Power Supplies	
Repair, TReK Model 685-1-L-CE, Typical	27-339299-00
Repair, TReK Model 685-L-CE, Typical	27-297727-00
All Triumph DC Power Supplies	
Repair, SCALO 3030, Typical	Hüttinger 1532236
All TruPlasma DC Power Supplies	
Repair, TruPlasma DC 3030, Typical	Hüttinger 1520646; 1532236; 1600178
Repair, TruPlasma DC 3030, Typical	1856097
Repair, TruPlasma DC 3030, Typical	1733000
Repair, TruPlasma SCALO 30, Typical	Hüttinger 1532236
All Vicor DC Power Supplies	
Repair, Vicor MP4-74523, Typical	1140-00343
Overhaul, Vicor MP4-74523, Typical	1140-00343
Repair, Vicor MP5-77567, Typical	1140-00372
Repair, Vicor MP6-77533, Typical	1140-00372
Overhaul, Vicor MP6-77533, Typical	1140-00372; 1140-00344
Repair, Vicor MP11-711502-EL, Typical	1140-00373
Repair, Vicor WP11-711502-EL, Typical	
All VAT DC Power Supplies	
Repair, VAT 650PM-24CG-ADK3, Typical	PM-6
Repair, VAT 650PM-24CH-AEN1, Typical	PM-6 (3D80-000019-14)

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Model Number / Description	Notes
All XP DC Power Supplies	
Repair, X9-3P3P3P-130001, Typical	X9DD-3P3P3P-130001
Overhaul, X9-3P3P3P-130001, Typical	X9DD-3P3P3P-130001
Repair, 10010267 (fleXPower), Typical	X9DD-3P3P3P-130001/X9DD-3P3P3P-130001-XB0046B
Overhaul, 10010267 (fleXPower), Typical	X9DD-3P3P3P-130001/X9DD-3P3P3P-130001-XB0046B
All Unipower DC Power Supplies	
Repair, BRC-3-4500N-KTC-V37-F, Typical	
<b>Microwave Repairs</b>	
All Alter Microwave Units	
Repair, Alter SM1150D, Typical	axcelis
Repair, Alter SM1280U.2, Typical	
All ASTeX Microwave Units	
Repair, FI20020, ASTeX AX2115, Typical	0190-09264
Repair, FI20020, ASTeX AX2530, Typical	Smartpower / FI20160
Repair, ASTeX AX9081, Smart Match, Typical	
Repair, ASTeX D13449, Typical	6-month warranty
Repair, ASTeX D13448, Typical	6-month warranty
Repair, ASTeX D13614, Typical	6-month warranty
Repair, ASTeX FI10001, Typical	
Repair, ASTeX FI10002, Typical	Magnetron Head (LAM PN: 660-097960-001)
Repair, ASTeX FI20045, Smart Match, Typical	3785-01106
Repair, ASTeX FI20047, Typical	
Repair, ASTeX FI20050, Typical	Buss module
Repair, ASTeX FI100001, Smart Match, Typical	685-097949-001 - Product Development
Repair, ASTeX FI20047, Typical	Magnetron Head
Repair, ASTeX FI20160-1, Typical	0920-01110
Repair, ASTeX FI20161-1, Typical	
Repair, ASTeX FI20162-1, Typical	6-month warranty or 500 hrs of filament on time
Repair, ASTeX FI20162-3, Typical	6-month warranty or 500 hrs of filament on time, 687-013518-002
Repair, ASTeX FI20606, Smart Match, Typical	



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Model Number / Description	Notes
Repair, ASTeX FI20606, Waveguide, Typical	
Repair, FI30614, ASTeX Smart Match, Typical	
Repair, ASTeX FI30615, AX 3060 Phase Mag Detector, Typical	
Repair, FI20021, AX2115 Remote Power Head	
Repair, FI20022, AX3120 3 Port Circulator	Product Development - Call
Repair, FI20023, AX3030 Dummy Load	Product Development - Call
Repair, FI30614, ASTeX Smart Match	
Repair, FI30615, AX3060 Phase/Mag Detector	
Repair, AX3060-10, Smart Match	
Repair, AX3060-12, Smart Match	
Repair, ASTeX S15ITBC, Typical	0190-09264
Repair, ASTeX, SXHRC, Typical	0190-09769 (Reset Hour Meter ?)
Repair, ASTeX, SA02WG2, Microwave Detector Module, Typical	
Repair, ASTeX S250C, Typical	
Repair, ASTeX ARX-X491, Typical	0190-00398
Repair, AMAT (ASTeX) 0190-09769, Typical	SXHRC (Reset Hour Meter ?)
All AIXCON Microwave Units	
Repair, AIXCON Y2000, Typical	0190-09264 Legacy Product
Repair, AIXCON 1700.2021, Typical	Y2000 Legacy Product
Repair, AIXCON 1700.2023, Typical	Legacy Product
Repair, AIXCON 1700.2041, Typical	Y2000 94-3075 Legacy Product
Repair, AIXCON 1700.2042, Typical	Y2000 Legacy Product
Repair, AIXCON 94-3075, Typical	Legacy Product
Repair, AIXCON GA8213, Typical	Legacy Product
ALL Daihen Microwaves	
All ATM Items	
Repair, Microwave Head, Daihen ATM-10A, Typical	
Repair, Microwave Head, Daihen ATM-10B, Typical	
Repair, Microwave Head, Daihen ATM-15C, Typical	
Repair, Microwave Head, Daihen ATM-30A, Typical	

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Model Number / Description	Notes
Repair, Microwave, Daihen ATP-10, Typical	ATP-10A, ATP-10B
Repair, Microwave, Daihen ATP-15, Typical	ATP-15A, ATP-15B
Repair, Microwave, Daihen ATP-30, Typical	ATP-30A, ATP-30B
Repair, Microwave, Daihen CMC-10, Typical	Product Development - Call
All ATM Items	
Repair, Microwave Generator, ATP-10A, Typical	
Repair, Microwave Generator, ATP-10B, Typical	AMAT 0190-36387
Repair, Microwave Generator, ATP-30A, Typical	
Repair, Microwave Generator, ATP-30B, Typical	
All Tuner Items	
Repair, Microwave Tuner, SMA-10B, Typical	
Repair, Microwave Tuner, SMA-15B, Typical	
Repair, Microwave Tuner, SMA-20B, Typical	
Repair, Microwave Tuner, SMA-30D, Typical	
All GaSonics Microwave Generators	
All Microwave Items	
Repair, 95-2992, Typical	
All Gerling Microwave Generators	
All C12932 Items	
Repair, Microwave Power Supply, 61-0052, Typical	6-month warranty
Repair, Microwave Power Supply, 911496, Typical	6-month warranty
Repair, Microwave Power Supply, C12932, Typical	6-month warranty
Repair, Microwave Power Supply, GL-139, Typical	6-month warranty
All C12935 Items	
Repair, Microwave Generator, 911566, Typical	6-month warranty
Repair, Microwave Generator, 94-1104, Typical	6-month warranty
Repair, Microwave Generator, C12935, Typical	6-month warranty
All C13170 Items	
Repair, Microwave Generator, 911213, Typical	6-month warranty
Repair, Microwave Generator, 94-2618, Typical	6-month warranty

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Model Number / Description	Notes
Repair, Microwave Generator, C13170, Typical	6-month warranty
All D13765 Items	
Repair, Microwave Power Supply, 61-2332, Typical	
Repair, Microwave Power Supply, 911665, Typical	
Repair, Microwave Power Supply, D13765, Typical	
All L-3510 Items	
Repair, Microwave Generator, 912419, Typical	
All MKS Microwave Units	
All MKS Microwave Power Supplies	
Repair, Microwave Power Supply, MKS CM440F.1, Typical	
<b>Remote Plasma Source (RPS) Repairs</b>	
All MKS Remote Plasma Sources (RPS)	
All MKS ASTeX RPS Products	
Overhaul (blocks replaced w/new), MKS ASTRON AX7651-2, Typical	FI20620-1 0920-00013
Overhaul (blocks replaced w/new), MKS ASTRON AX7670-06, Typical	Atomic Fluorine Generator, AMAT 0920-00100
Overhaul (blocks replaced w/new), MKS ASTRON AX7670-16, Typical	Atomic Fluorine Generator
Overhaul (blocks replaced w/new), MKS ASTRON AX7670-18, Typical	Atomic Fluorine Generator
Overhaul (blocks replaced w/new), MKS ASTRON AX7670-19, Typical	Atomic Fluorine Generator, AMAT 0190-26744
Overhaul (blocks replaced w/new), MKS ASTRON AX7685, Typical	FI80131 0920-00131
Overhaul (blocks replaced w/new), MKS ASTRON AX7690-19, Typical	Atomic Fluorine Generator
Repair, MKS ASTRONhf-s AX7645PS-01, Typical	27-277368-00 (PS Only) - Must be sent w/block.
Overhaul (blocks replaced w/new), ASTeX FI80131, Typical	0920-00057
<b>RF Generator Repairs</b>	
All ADTEC RFGs for repair	
ALL ADTEC AX Style Units	
Repair, ADTEC AX-1000AMii, Typical	0190-55019
Repair, ADTEC AX-1000III-27M-LC-GT, Typical	
Repair, ADTEC AX-2000 III, Typical	
Repair, ADTEC TR-3000-EI1-MT, Typical	

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Model Number / Description	Notes
Repair, ADTEC AX-3000 III, Typical	
All Advanced Energy RFGs for repair	
ALL AE Apex Style Units	
Repair, AE Apex 1513, Typical	
Overhaul, AE Apex 1513, Typical	
Repair, AE Apex 2013, Typical	660-063437-003
Repair, AE Apex 3013, Typical	
Overhaul, AE Apex 3013, Typical	
Repair, AE, A3D2A000BA140A011A, Apex 3013, Typical	
Repair, AE, A3D5L000BA140A121A, Apex 3013, Typical	
Repair, AE A3H2C200KA130E102E, APEX 10kW/13, Typical	
Repair, AE A3L5L000BA140D111A, Apex 1513, Typical	3156110-013
Repair, AE 3156113-007, Apex 3013, Typical	
Repair, AE 3156113-012, Apex 3013, Typical	
Repair, AE 3156114-001, Apex 3013, Typical	
Repair, AE 3156114-002, Apex 3013, Typical	
Repair, AE 3156114-003, Apex 3013, Typical	
Repair, AE 3156114-005, Apex 3013, Typical	0920-00128
Repair, AE Apex 5013, Typical	
Repair, AE Apex 5513, Typical	3156115-231
Repair, AE 3156117-006, APEX 10kW/13, Typical	
Repair, AE 3156117-206, APEX 10kW/13, Typical	R27-365190-00
ALL AE Atlas Style Units	
Repair, AE 3150262-000, Atlas 2012, Typical	0920-01116
ALL AE (Dressler) Cesar Style Units	
Repair, AE, Dressler, Cesar 136, Typical	
Repair, AE Cesar 136, 61300047, Typical	
Repair, AE, Dressler, Cesar 1013, Typical	
Repair, AE, Dressler, Cesar 1310, Typical	61300050
Repair, AE, Dressler, Cesar 1312, Typical	61300121

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Model Number / Description	Notes
Overhaul, AE, Dressler, Cesar 1312, Typical	61300121
Repair, AE, Dressler, Cesar 1320, Typical	
Repair, AE, Dressler, Cesar 1325, Typical	
Repair, AE, Dressler, Cesar 1330, Typical	61300086; 61300089
Overhaul, AE, Dressler, Cesar 1330, Typical	61300086; 61300089
Repair, AE, Dressler, Cesar 4020, Typical	
All AE HFV-8000 Style Units	
Repair, AE 3155083-002, HFV-8000, Typical	0190-13203
Repair, AE 3155083-005, HFV-8000, Typical	
Repair, AE 3155083-108, HFV-8000, Typical	
Repair, AE 3155083-111, HFV-8000, Typical	0190-09841
Repair, AE 3155083-113, HFV-8000, Typical	0190-22924
Repair, AE 3155083-150, HFV-8000, Typical	
Repair, AE 3155083-151, HFV-8000, Typical	
Repair, AE 3155083-152, HFV-8000, Typical	
Repair, AE 3155083-154, HFV-8000, Typical	
Repair, AE 3155083-156, HFV-8000, Typical	
Repair, AE 3155083-180, HFV-8000, Typical	
Repair, AE 3155083-184, HFV-8000, Typical	
Repair, AE 3155083-186, HFV-8000, Typical	
Repair, AE 3155083-188, HFV-8000, Typical	
Repair, AE 3155083-192, HFV-8000, Typical	
Repair, AE 3155083-504, HFV-8000, Typical	0190-24487
Repair, AE 3155083-505, HFV-8000, Typical	0190-24488
Overhaul, AE HFV-8000, Typical	
ALL AE MSD Style Units	
Repair, AE 3156023-000, MSD-350, Typical	
Repair, Verteq 6023-000, MSD-350, Typical	
ALL AE Ovation Style Units	
Repair, AE 3150292-007, Ovation 2760, Typical	(AMAT 0190-17779-004)

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Model Number / Description	Notes
Repair, AE 3150861-002, Ovation 35162, Typical	
Repair, AE 3150861-010, Ovation 35162, Typical	(AMAT 0190-29389)
ALL AE PDP Style Units	
Repair, AE 3156012-002, PDP-2500 Typical	
ALL AE PDW Style Units	
Repair, AE 3156011-000, PDW-2200, Typical	
Repair, AE 3156011-002, PDW-2200, Typical	(w/plates & Rails, Not CE)
Repair, AE 3156011-006, PDW-2200, Typical	CE
Overhaul, AE PDW-2200, Typical	
All AE PDX Type Units	
Repair, AE 3156024-105, PDX-500, Typical	
Repair, AE 3156024-030, PDX-900-2V, Typical	Full front panel controls
Repair, AE 3156024-110, PDX-900-2V, Typical	Full front panel controls
Repair, AE 3156024-131, PDX-900-2V, Typical	
Repair, AE 3156024-132, PDX-900-2V, Typical	AMAT 0190-08677
Repair, AE 3156024-133, PDX-900-2V, Typical	0190-10028
Overhaul, AE PDX-900-2V, Typical	
Repair, AE 3156024-040, PDX-1400, Typical	
Repair, AE 3156024-141, PDX-1400, Typical	
Repair, AE 3156012-101, PDX-2500, Typical	
Repair, AE 3156012-105, PDX-2500, Typical	27-047499-00
Repair, AE 3156012-201, PDX-2500, Typical	27-293721-00
Overhaul, AE PDX-2500, Typical	
Repair, AE 3156043-104, PDX-5000, Typical	27-113711-00
Repair, AE 3156043-204, PDX-5000, Typical	
Repair, AE 3156043-206, PDX-5000, Typical	
Repair, AE 3156043-207, PDX-5000, Typical	27-278209-00
Overhaul, AE PDX-5000, Typical	
Repair, AE 3156048-100, PDX-8000, Typical	
Repair, AE 3156048-200E, PDX-8000, Typical	

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Model Number / Description	Notes
Repair, AE 3156048-201, PDX-8000, Typical	27-278207-00
Overhaul, AE PDX-8000, Typical	
All AE PE Type Units	
Repair, AE PE-1000, Typical	
Repair, AE PE-1000T, Typical	
Overhaul, AE PE-1000T, Typical	
Repair, AE PE-5000, Typical	
Repair, AE 3157502-000, PE-1000, Typical	Product Development
All AE PEP Type Units	
Repair, AE PEP-2500, Typical	
All AE RFG Style Units	
Repair, AE 5027-000, RFG-1250, Typical	Legacy Product
Repair, AE 5027-00-41, RFG-1250, Typical	Legacy Product
Repair, AE 3155027-000, RFG-1250, Typical	Legacy Product 660-024637-002
Repair, AE 3155027-001, RFG-1250, Typical	
Repair, AE 3155027-002, RFG-1250, Typical	
Repair, AE 3155027-003, RFG-1250, Typical	
Repair, AE 3155027-003A, RFG-1250, Typical	
Repair, AE 3155027-003B, RFG-1250, Typical	
Repair, AE 3155027-003C, RFG-1250, Typical	
Repair, AE 3155027-003D, RFG-1250, Typical	
Repair, AE 3155027-004, RFG-1250, Typical	
Repair, AE 3155027-005, RFG-1250, Typical	
Repair, AE 3155027-006, RFG-1250, Typical	
Repair, AE 3155027-007, RFG-1250, Typical	
Repair, AE 3155027-008, RFG-1250, Typical	
Repair, AE 3155027-008A, RFG-1250, Typical	
Repair, AE 3155027-008B, RFG-1250, Typical	
Repair, AE 3155027-008C, RFG-1250, Typical	
Repair, AE 3155027-008D, RFG-1250, Typical	

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Model Number / Description	Notes
Repair, AE 3155027-010, RFG-1250\HALO, Typical	HALO
Repair, AE 3155027-028, RFG-1250\HALO, Typical	HALO
Repair, AE 3155027-028A, RFG-1250\HALO, Typical	HALO
Repair, AE 3155027-028B, RFG-1250\HALO, Typical	HALO
Repair, AE 3155027-028C, RFG-1250\HALO, Typical	HALO
Repair, AE 3155027-028 C, RFG-1250\HALO, Typical	HALO
Repair, AE 3155059-000, RFDS-1250, Typical	RFDS
Repair, AE 3155059-001, RFDS-1250, Typical	RFDS
Repair, AE 3155059-002, RFDS-1250, Typical	RFDS
Repair, AE 3155059-026, RFDS-1250, Typical	RFDS 660-024637-026
Repair, AE 3155107-001, RFG-1251, Typical	
Repair, AE 3155107-101A, RFG-1251, Typical	27-156759-00
Repair, AE 3155107-101B, RFG-1251, Typical	
Repair, AE 3155107-002, RFG-1251, Typical	660-024637-200
Repair, AE 3155107-002A, RFG-1251, Typical	
Repair, AE 3155107-002B, RFG-1251, Typical	
Repair, AE 3155107-002C, RFG-1251, Typical	
Repair, AE 3155107-002D, RFG-1251, Typical	
Repair, AE 3155107-102, RFG-1251, Typical	660-024637-200
Overhaul, AE RFG-1250, Typical	
Repair, AE 3155053-001, RFG-2000-2V, Typical	
Repair, AE 3155053-003, RFG-2000-2V, Typical	
Repair, AE 3155053-003A, RFG-2000-2V, Typical	
Repair, AE 3155053-007, RFG-2000-2V, Typical	0920-00102, 0920-01031
Repair, AE 3155053-007A, RFG-2000-2V, Typical	0920-00102, 0920-01031
Repair, AE 3155038-013, RFDS-2000-2V, Typical	RFDS
Overhaul, AE RFG-2000-2V, Typical	
Repair, AE 3155038-001, RFG-3000, Typical	2785 W, 15-pin connector
Repair, AE 3155038-001A, RFG-3000, Typical	2785 W, 15-pin connector
Repair, AE 3155038-001B, RFG-3000, Typical	2785 W, 15-pin connector



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Model Number / Description	Notes
Repair, AE 3155038-001C, RFG-3000, Typical	2785 W, 15-pin connector
Repair, AE 3155038-004, RFG-3000, Typical	
Repair, AE 3155038-005, RFG-3000, Typical	2785 W, 15-pin connector
Repair, AE 3155038-007, RFG-3000, Typical	
Repair, AE 3155038-011, RFDS-3000, Typical	RFDS
Repair, AE 3155089-001, RFG-3000, Typical	
Overhaul, AE RFG-3000, Typical	
Repair, AE 3155089-003, RFG-3001, Typical	
Repair, AE 3155089-004, RFG-3001, Typical	
Repair, AE 3155089-005, RFG-3001, Typical	Axcelis 190000550
Repair, AE 3155089-006, RFG-3001, Typical	
Repair, AE 3155089-008, RFG-3001, Typical	
Overhaul, AE RFG-3001, Typical	
Repair, AE 3155089-010, RFG-3002, Typical	
Repair, AE 3155051-001, RFG-5500, Typical	
Repair, AE 3155051-002, RFG-5500, Typical	
Repair, AE 3155051-003, RFG-5500, Typical	
Repair, AE 3155051-004, RFG-5500, Typical	
Repair, AE 3155051-005, RFG-5500, Typical	
Repair, AE 3155051-006, RFG-5500, Typical	
Repair, AE 3155051-010, RFG-5500, Typical	
Repair, AE 3155051-013, RFG-5500, Typical	
Repair, AE 3155051-015, RFG-5500, Typical	
Repair, AE 3155051-115, RFG-5500, Typical	W/SETPOINT TRACK F47 NOVELLUS
Repair, AE 3155051-115A, RFG-5500, Typical	W/SETPOINT TRACK F47 NOVELLUS
Repair, AE 3155051-115B, RFG-5500, Typical	W/SETPOINT TRACK F47 NOVELLUS
Repair, AE 3155051-115C, RFG-5500, Typical	W/SETPOINT TRACK F47 NOVELLUS
Repair, AE 3155051-120, RFG-5500, Typical	27-115617-00
Overhaul, AE 3155051-xxx, RFG-5500, Typical	
All AE RFX Style Units	

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Model Number / Description	Notes
Repair, AE RFX-600, Typical	Legacy Product
Repair, AE RFX-600A, Typical	Legacy Product
Repair, AE 3155082-000, Typical	Legacy Product
Repair, AE RFX-1250, Typical	Legacy Product
Repair, AE RFX-2500, Typical	Legacy Product
Repair, AE RFX-3000, Typical	Legacy Product
Repair, AE RFXII-1250, Typical	Legacy Product
Repair, AE RFXII-3000, Typical	Legacy Product
Repair, AE RFXII-3000, Overhaul	Legacy Product
Repair, AE RFX-5500, Typical	3155066-001, 3155084-003
Overhaul, AE RFX-5500, Typical	
ALL AE RF & LF Style Units	
Repair, AE LF-5, Typical	Legacy Product
Repair, AE LF-10, Typical	Legacy / AMAT 0920-00055 / 3150010-017
Repair, AE , LF-10A, Typical	Legacy / AMAT 0190-70100 / AE 3150010-xxx
Repair, AE , LF-10WC, Typical	Legacy / 3150076-001
Repair, AE LF-20, Typical	Legacy Product
Repair, AE LF-30, Typical	Legacy Product
Repair, AE RF-5S, Typical	
Repair, AE RF-10, Typical	Legacy Product
Repair, AE RF-10S, Typical	
Repair, AE RF-10M, Typical	Legacy Product
Repair, AE RF-20, Typical	Legacy Product
Repair, AE RF-20H, Typical	Legacy Product
Repair, AE RF-20M, Typical	Legacy Product
Repair, AE RF-20R, Typical	12.56 MHz 01900-01048, 3150058-001
Repair, AE RF-20RWC, Typical	12.56 MHz
Repair, AE RF-25M, Typical	Legacy Product
Repair, AE RF-30, Typical	Legacy Product
Repair, AE RF-30S, Typical	Legacy Product

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Model Number / Description	Notes
Repair, AE RF-30H, Typical	Legacy Product
All Coaxial Power Systems RFG's	
All Coaxial Power Systems RFG series	
Repair, Coaxial Power Systems RFG-500-380KR, Typical	
All Comdel RFG's	
All Comdel CDX Items	
Repair, Comdel CDX-1000, Typical	
Repair, Comdel CDX-2000, Typical	FP5321R2; FP5323R2; FP5315RF; FP5323R1; 0190-23308
Overhaul, Comdel CDX-2000, Typical	
All Comdel CLF Items	
Repair, Comdel CLF-500, Typical	
Overhaul, Comdel CLF-500, Typical	
Repair, Comdel CLF-5000, Typical	FP1543RB; FP1541RD; 27-049867-01
Overhaul, Comdel CLF-5000, Typical	
Repair, Comdel CLF-5000/400, Typical	FP1541R2
Overhaul, Comdel CLF-5000/400, Typical	FP1541R2
All Comdel CPS Units	
Repair, Comdel CPS-1000, Typical	Legacy Product
Overhaul, Comdel CPS-1000, Typical	Legacy Product
Repair, Comdel CPS-1000S, Typical	
Overhaul, Comdel CPS-1000S, Typical	
Repair, Comdel CPS-1001, Typical	0190-70099
Overhaul, Comdel CPS-1001, Typical	0190-70099
Repair, Comdel CPS-1001S, Typical	FP0213RJ; FP0213RK
Overhaul, Comdel CPS-1001S, Typical	
Repair, Comdel CPS-500, Typical	Legacy Product
Overhaul, Comdel CPS-500, Typical	Legacy Product
Repair, Comdel CPS-500AS, Typical	
Overhaul, Comdel CPS-500AS, Typical	
All Comdel CX Units	

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Model Number / Description	Notes
Repair, Comdel CX10000/PLL, Typical	Product Development - Call
Repair, Comdel CX-1250S, Typical	FP3210R3; FP3210R5; FP3212RA
Overhaul, Comdel CX-1250S, Typical	
Repair, Comdel CX-5000, Typical	0190-18052 (10818900)
Repair, Comdel CX-600, Typical	
Overhaul, Comdel CX-600, Typical	
Repair, Comdel CX-600S, Typical	AMAT 0190-21755
Overhaul, Comdel CX-600S, Typical	AMAT 0190-21755
Repair, Comdel CX-600AS, Typical	FP3113RE; 0190-21755; FP3113RG
Overhaul, Comdel CX-600AS, Typical	
Repair, Comdel CX-650S, Typical	
Overhaul, Comdel CX-650S, Typical	
All Comdel CLX Units	
Repair, Comdel CLX-500, Typical	0190-07556; FP1248R3
Repair, Comdel CLX-1000, Typical	0190-07556; FP1248R3
Repair, Comdel CLX-2500, Typical	FP1333R2
Overhaul, Comdel CLX-2500, Typical	FP1333R2
Overhaul, Comdel CLX-5000, Typical	27-049867-01
All Comdel CB Units	
Repair, Comdel CB600, Typical	FP7117R1
Repair, Comdel CB1250, Typical	
Repair, Comdel CB3500, Typical	FP7526RB; 0190-38882; 9000004027
All Daihen RFGs Items	
ALL Daihen AGA Type Units	
Repair, Daihen AGA-27A3, Typical	
Overhaul, Daihen AGA-27A3, Typical	
Repair, Daihen AGA-27B1, Typical	ES1D80-003054-34
Overhaul, Daihen AGA-27B1, Typical	ES1D80-003054-34
Repair, Daihen AGA-50B / DGP-120A2, Typical	3D80-000601-1*
Repair, Daihen AGA-50B2 / DGP-120A2, Typical	3D80-001479

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Model Number / Description	Notes
Overhaul, Daihen AGA-50B2 / DGP-120A2, Typical	
Repair, Daihen AGA-27C, Typical	3D80-000825
Overhaul, Daihen AGA-27C, Typical	3D80-000825
ALL Daihen MFG Type Units	
Repair, Daihen MFG-15SA6, Typical	
ALL Daihen RGA Type Units	
Repair, Daihen RGA-10D, Typical	3D80-000826
Overhaul, Daihen RGA-10D, Typical	3D80-000826
Repair, Daihen RGA-50C, Typical	3D39-050099
Overhaul, Daihen RGA-50C, Typical	3D39-050099
ALL Daihen WGA Type Units	
Repair, Daihen WGA-30A, Typical	
Repair, Daihen WGA-30C, Typical	1D80-003143-4*
Repair, Daihen WGA-30C11, Typical	1D80-004121-2*
Repair, Daihen WGA-50E, Typical	3D80-000602-1*; 3D80-001480-V*
All Dressler RFGs Items	
ALL Dressler Cesar Type Units	
Repair, Dressler Cesar 1310, Typical	61300050
Repair, Dressler Cesar 1312, Typical	61300121
Overhaul, Dressler Cesar 1312, Typical	61300121
Repair, Dressler Cesar 1320, Typical	
Repair, Dressler Cesar 1330, Typical	61300086; 61300089
Overhaul, Dressler Cesar 1330, Typical	61300086; 61300089
Repair, Dressler Cesar 133D, Typical	
Overhaul, Dressler Cesar 133D, Typical	
Repair, Dressler Cesar 136, Typical	
Repair, Dressler Cesar 4020, Typical	
ALL Dressler HiLight Type Units	
Repair, HiLight 133, Typical	
Repair, HiLight 136, Typical	

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Model Number / Description	Notes
All ENI RFGs	
All ENI ACG-10 Items	
Repair, ENI ACG-10-01, Typical	Legacy Product
Overhaul, ENI ACG-10-01, Typical	Legacy Product
Repair, ENI ACG-10, Typical	Legacy Product
Overhaul, ENI ACG-10, Typical	Legacy Product
Repair, ENI ACG-10B, Typical	
Overhaul, ENI ACG-10B, Typical	
Repair, ENI ACG-10B-01, Typical	
Overhaul, ENI ACG-10B-01, Typical	
Repair, ENI ACG-10B-02, Typical	
Overhaul, ENI ACG-10B-02, Typical	
Repair, ENI ACG-10B-03, Typical	
Overhaul, ENI ACG-10B-03, Typical	
Repair, ENI ACG-10B-07, Typical	
Overhaul, ENI ACG-10B-07, Typical	
Repair, ENI ACG-10T, Typical	Legacy Product
Overhaul, ENI ACG-10T, Typical	Legacy Product
Repair, ENI ACG-10XL, Typical	Legacy Product
Overhaul, ENI ACG-10XL, Typical	Legacy Product
All ENI ACG-3 Items	
Repair, ENI ACG-3LP2, Typical	Legacy Product
Repair, ENI ACG-3, Typical	Legacy Product
Overhaul, ENI ACG-3, Typical	Legacy Product
Repair, ENI ACG-3B, Typical	
Overhaul, ENI ACG-3B, Typical	
Repair, ENI ACG-3XL, Typical	Legacy Product
Overhaul, ENI ACG-3XL, Typical	Legacy Product
All ENI ACG-5 Items	
Repair, ENI ACG-5, Typical	Legacy Product

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Model Number / Description	Notes
Overhaul, ENI ACG-5, Typical	Legacy Product
Repair, ENI ACG-5J, Typical	Legacy Product
Overhaul, ENI ACG-5J, Typical	Legacy Product
Repair, ENI ACG-5XL, Typical	Legacy Product
Overhaul, ENI ACG-5XL, Typical	Legacy Product
All ENI ACG-6 Items	
Repair, ENI ACG-6, Typical	Legacy Product
Overhaul, ENI ACG-6, Typical	Legacy Product
Repair, ENI ACG-6B, Typical	
Overhaul, ENI ACG-6B, Typical	
All ENI GEW Items	
Repair, ENI GEW-2527, Typical	
Repair, ENI GEW-2527, Typical	
Repair, ENI GEW-3040, Typical	
Repair, ENI GEW-3540, Typical	2L39-000005-23
Repair, ENI GEW-30A, Typical	
All ENI GHW Items	
Repair, ENI GHW-12A, Typical	0190-04467
Repair, ENI GHW-12Z, Typical	GHW12Z-13DF2NH-002 = 0190-22783
Overhaul, ENI GHW-12x, Typical	
Repair, ENI GHW-25A, Typical	GHW12A-13DF2N0-001 = 0190-25531
Overhaul, ENI GHW-25A, Typical	GHW12A-13DF2N0-001 = 0190-25531
Repair, ENI GHW-25Z, Typical	GMW25Z-07082 = 0190-27998
Repair, ENI GHW-50A, Typical	
Repair, ENI GHW50Z-07126, Typical	
Repair, ENI GHW50Z-13DF2XT-001, Typical	0190-48999
Repair, ENI GHW-55A, Typical	
Repair, ENI GHW-85A, Typical	GHW-80A-13DF2L0-001
Overhaul, ENI GHW-85A, Typical	GHW-80A-13DF2L0-001 (Does not include the Power FET's)
Repair, ENI GHWE-25, Typical	

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Model Number / Description	Notes
Overhaul, ENI GHWE-25, Typical	
All ENI GW Units	
Repair, ENI GW2502, Typical	
Overhaul, ENI GW2502, Typical	
Repair, ENI GW5002MA-F1H131A3, Typical	
All ENI GMW Units	
Repair, ENI GMW-25A, Typical	0190-16551
Overhaul, ENI GMW-25A, Typical	0190-16551
Repair, ENI GMW-25Z, Typical	
Overhaul, ENI GMW-25Z, Typical	
All ENI LPG-12 Items	
Repair, ENI LPG-12, Typical	Legacy Product
All ENI LPG-3 Items	
Repair, ENI LPG-3, Typical	Legacy Product
Repair, ENI LPG-3AT, Typical	Legacy Product
All ENI LPG-6 Items	
Repair, ENI LPG-6, Typical	Legacy Product
Overhaul, ENI LPG-6, Typical	Legacy Product
All ENI Nova Items	
Repair, ENI Nova-25A, Typical	
Repair, ENI Nova-50A, Typical	
Overhaul, ENI Nova-50A, Typical	
All ENI OEM-10 Items	
Repair, ENI OEM-10B, Typical	
Repair, ENI OEM-10, Typical	Legacy Product
All ENI OEM-12 Items	
Repair, ENI OEM-12, Typical	Legacy Product
Overhaul, ENI OEM-12, Typical	Legacy Product
Repair, ENI OEM-12A, Typical	Legacy Product
Overhaul, ENI OEM-12A, Typical	Legacy Product



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Model Number / Description	Notes
Repair, ENI OEM-12B-02, Typical	AMAT 0190-70080
Repair, ENI OEM-12B-07, Typical	AMAT 0190-76048
Repair, ENI OEM-12B (Bransion), Typical	Legacy Product
Repair, ENI OEM-12B3-02, Typical	AMAT 0920-76028
Repair, ENI OEM-12B3-07, Typical	AMAT 0920-05624
Repair, ENI OEM-12B3-08, Typical	AMAT 0920-01061
Repair, ENI OEM-12L, Typical	Legacy Product
Overhaul, ENI OEM-12B/12B3, Typical	AMAT 0190-70080
All OEM-1250 Items	
Repair, ENI OEM-1250, Typical	
Overhaul, ENI OEM-1250, Typical	
All OEM-2000 Items	
Repair, ENI OEM-2000, Typical	
Overhaul, ENI OEM-2000, Typical	
All ENI OEM-25 Items	
Repair, ENI OEM-25, Typical	Legacy Product
Overhaul, ENI OEM-25, Typical	Legacy Product
Repair, ENI OEM-25A, Typical	Legacy Product
Overhaul, ENI OEM-25A, Typical	Legacy Product
Repair, ENI OEM-25N, Typical	Legacy Product
Overhaul, ENI OEM-25N, Typical	Legacy Product
Repair, ENI OEM-25B-01, Typical	
Overhaul, ENI OEM-25B-01, Typical	
Repair, ENI OEM-25XL, Typical	Legacy Product
Overhaul, ENI OEM-25XL, Typical	Legacy Product
All ENI OEM-28 Items	
Repair, ENI OEM-28B-02, Typical	AMAT 0190-01264
Repair, ENI OEM-28B-03, Typical	
Repair, ENI OEM-28B-04, Typical	
Repair, ENI OEM-28B-07, Typical	

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Model Number / Description	Notes
Repair, ENI OEM-28B-08, Typical	
Overhaul, ENI OEM-28B-xx, Typical	
All ENI OEM-50 Items	
Repair, ENI OEM-50, Typical	Legacy Product
Repair, ENI OEM-50N-11601, Typical	Legacy Product
Repair, ENI OEM-50N-XL, Typical	Legacy Product
Repair, ENI OEM-50N, Typical	Legacy Product
amplifiers & their high voltage resistor banks, both drivers, pre amp, and	Legacy Product
All ENI OEM-6 Items	
Repair, ENI OEM-6, Typical	Legacy Product
Repair, ENI OEM-6B, Typical	
Repair, ENI OEM-6M, Typical	Legacy Product
Overhaul, ENI OEM-6 (all), Typical	Legacy Product
Repair, ENI ELITE 600, Typical	ELETE 600HD-01
All ENI OEM-650 Items	
Repair, ENI OEM-650, Typical	Legacy Product
Repair, ENI OEM-650A, Typical	Legacy Product
All ENI PL2-HF Items	
Repair, ENI Plasma Loc-2HF-11451-54, Typical	Legacy Product
Repair, ENI Plasma Loc-2HF-11451-55, Typical	Legacy Product
Repair, ENI Plasma Loc-2HF-11451, Typical	Legacy Product
Repair, ENI Plasma Loc-2HF, Typical	Legacy Product
Repair, ENI Plasma Loc-2HFN-01, Typical	Legacy Product
Repair, ENI Plasma Loc-2HFN-1, Typical	Legacy Product
Overhaul, ENI Plasma Loc-2HF(all), Typical	Legacy Product
All ENI One-Box Units Here	
Repair, ENI 000-1093-077, Typical	660-495680-003
Repair, ENI 000-1134-076, Typical	660-099877-401      660-099877-402

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Model Number / Description	Notes
Repair, ENI 000-1134-077, Typical	660-099877-502
Repair, ENI 000-1103-083, DOFBC2-083, Typical	660-002294-002, 660-002294-100, 660-002294-104
Overhaul, ENI 000-1103-083, DOFBC2-083, Typical	660-002294-002, 660-002294-100, 660-002294-104
Repair, ENI 000-1103-084, DOFBC2-084, Typical	660-002295-002
Overhaul, ENI 000-1103-084, DOFBC2-084, Typical	660-002295-002
Repair, ENI DOFBC2-078, Typical	000-1103-078 685-002302-002
Repair, ENI OB1-01, Typical	660-099877-002
Overhaul, ENI OB1-01, Typical	
Repair, ENI OB1-02, Typical	660-099877-004 660-099877-005 660-099877-006
Overhaul, ENI OB1-02, Typical	
Repair, ENI OB1-03, Typical	660-099877-100, 660-099877-101, 660-099877-201
Overhaul, ENI OB1-03, Typical	
All ENI Power Amplifiers	
Repair, ENI 1140LA, Typical	Legacy Product
Repair, ENI A150-1210, Typical	Legacy Product
Repair, ENI A300/CEM, Typical,	Legacy Product
All Hitachi Denshi Items	
All Hitachi Denshi Power Amplifiers	
Repair, Hitachi Denshi 67HM-FZ4A, Typical	Nagano Japan Radio Co.
All Hüttinger Items	
All Hüttinger RF Generators	
Repair, Hüttinger 1285001, Typical	SCALO 30
All LAM RF Systems	
All LAM RF Carts	
Repair, LAM 852-014601-020-B-DFT, Typical	RF Cart
All LAM Alliance RF Set Repairs	
Repair, LAM OB1-01, Typical	660-099877-002
Overhaul, LAM OB1-01, Typical	
Repair, LAM OB1-02, Typical	660-099877-004 660-099877-005 660-099877-006
Overhaul, LAM OB1-02, Typical	

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Model Number / Description	Notes
Repair, LAM OB1-03, Typical	660-099877-100, 660-099877-101, 660-099877-201
Overhaul, LAM OB1-03, Typical	
All MKS RF Generators	
All MKS RF Set Repairs	
Repair, MKS OB1-01, Typical	660-099877-002
Overhaul, MKS OB1-01, Typical	
Repair, MKS OB1-02, Typical	660-099877-004 660-099877-005 660-099877-006
Overhaul, MKS OB1-02, Typical	
Repair, MKS OB1-03, Typical	660-099877-100, 660-099877-101, 660-099877-201
Overhaul, MKS OB1-03, Typical	
All MKS FLEX Type Units	
Repair, MKS LVF3527A-10B-05, Typical	
Repair, MKS LVF3560A-10B-05, Typical	
Repair, MKS LMF5002A-10B-05, Typical	660-072823-200
All MKS SPECTRUM Type Units	
Repair, MKS SPECTRUM 11002-00, Typical	0190-22201, 0190-33637
Overhaul, MKS SPECTRUM 11002-00, Typical (excludes power packs)	0190-22201, 0190-33637
Repair, MKS SPECTRUM B-10513, Typical	0190-17877, 0190-33638
Repair, MKS S-04-048, Typical	
Repair, MKS S-04-091, Typical	
Repair, MKS SPECTRUM B-3013, Typical	
Overhaul, MKS SPECTRUM B-3013, Typical	Does not include Power Packs
Overhaul (Including Power Packs), MKS SPECTRUM B-3013, Typical	
Repair, MKS SPECTRUM B-5002, Typical	
Overhaul, MKS SPECTRUM B-5002, Typical	
Repair, MKS SPECTRUM B-5303, Typical	
Repair, MKS SPECTRUM B-9002, Typical	B-9002-01, 0190-29586
Overhaul, MKS SPECTRUM B-9002, Typical	B-9002-01, 0190-29586
All MKS SurePower Type Units	
Repair, MKS SurePower QL6513A-0F03, Typical	

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Model Number / Description	Notes
Repair, MKS SurePower QL6513Z-14005, Typical	
All RFPP RFGs	
All RFPP ICP Generators	
Repair, RFPP ICP-20P, Typical	Legacy Product
All RFPP LF-10 Generators	
Repair, RFPP LF-10, Typical	Legacy / AMAT 0920-00055 / 3150010-017
Repair, RFPP LF-10A, Typical	7520426011 / AMAT 0190-70100 / AE 3150010-xxx
Overhaul, RFPP LF-10A, Typical	Legacy / AMAT 0190-70100 / AE 3150010-xxx
All RFPP LF-5 Generators	
Repair, RFPP LF-5, Typical	Legacy Product
All RFPP LF-30 Generators	
Repair, RFPP LF-30, Typical	
All RFPP RF-10 Generators	
Repair, RFPP RF-10, Typical	Legacy Product
OverHaul, RFPP RF-10, Typical	Legacy Product
Repair, RFPP RF-10S, Typical	
Repair, RFPP RF-10M, Typical	Legacy Product
All RFPP RF-20 Generators	
Repair, RFPP RF-20, Typical	Legacy Product
Repair, RFPP RF-20R, Typical	12.56 MHz / AMAT PN: 0920-01070
Repair, RFPP RF-20M, Typical	Legacy Product, 3150020-032, 8000092217-010
Repair, RFPP RF-20H, Typical	Legacy Product
Overhaul, RFPP RF-20/R/M, Typical	Legacy Product
Overhaul, RFPP RF-20H, Typical	Legacy Product
Repair, RFPP RF-25M, Typical	Legacy Product
All RFPP RF-30 Generators	
Repair, RFPP RF-30, Typical	Legacy Product
Repair, RFPP RF-30S, Typical	Legacy Product
Overhaul, RFPP RF-30S, Typical	Legacy Product
Repair, RFPP RF-30H, Typical	Legacy Product

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Model Number / Description	Notes
All RFPP RF-5 Generators	
Repair, RFPP RF-5S, Typical	751031301C; 3150004-015; 3150004-017; 3150004-027
Overhaul, RFPP RF-5S, Typical	Legacy Product; 7510313018
All Seren RFGs for Repair	
All Seren HR Series RFG's	
Repair, Seren HR601, Typical	P/N: 9600920002
All Seren I Series RFG's	
Repair, Seren I1600-D, Typical	
Repair, Seren I1600, Typical	
Repair, Seren I2000-D, Typical	
Repair, Seren I2000, Typical	
All Seren L Series RFG's	
Repair, Seren L1001, Typical	
Repair, Seren L2001, Typical	
Repair, Seren L3001, Typical	
Repair, Seren L301, Typical	
Repair, Seren L601, Typical	
All Seren R Series RFG's	
Repair, Seren R10,001, Typical	9600780000
Repair, Seren R1001, Typical	
Repair, Seren R1001/1.2, Typical	
Repair, Seren R2001-13, Typical	
Repair, Seren R2001-H, Typical	
Repair, Seren R2001-2, Typical	
Repair, Seren R3001-13, Typical	
Repair, Seren R3001-2, Typical	
Repair, Seren R301, Typical	
Repair, Seren EJR301-120, Typical	
Repair, Seren R5001-13, Typical	
Repair, Seren R5001-2, Typical	

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Model Number / Description	Notes
Repair, Seren R601, Typical	
All Thamway RFGs	
All Thamway Generators	
Repair, Thamway T161-5966B, Typical	
All Trumpf RFGs	
All Trumpf Generators	
Repair, Trumpf TIS 2.5/13560, Typical	
Repair, Trumpf TIS 5.0/13560, Typical	
Repair, Trumpf RF1003, Typical	0190-63140
Repair, Trumpf SSM 3000, Typical	0190-51379
<b>UltraSonic Generator Repairs</b>	
All AMSCO Ultrasonic Generators for repair	
ALL AMSCO Units	
Repair, AMSCO 2705, Typical	
All Branson Ultrasonic Generators for repair	
ALL Branson Units	
Repair, Branson EMA-50-24, Typical	
All Branson SemiSonic Generators for repair	
ALL SemiSonic Units	
Repair, SemiSonic 4012, Typical	
<b>Available Expedite Services</b>	
Standard turn-around (15 - 20 business days in most cases)	All incoming unless otherwise instructed
P3 (10 - 11 business days in most cases)	Per customer request
P2 (5 - 6 business days in most cases)	Per customer request
P1 (2 - 3 business days in most cases)	Per customer request
Calibration/Recertification	
Bench Test Fee	
Diagnostic Time (per hour, min one hr.)	

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Model Number / Description	Notes
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**Odyssey Technical Solutions is an ISO 9001:2015 & ANSI/ESD S20.20 Certified Company**

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**Odyssey will update our repair list as needed, please check with your customer service rep if quote needed**