MOOV

TOOL	LAM
Type	Retrofit 4520i TV to 4520XL
Serial number	
Software Revision	E1.6.1-002
License	16264-30955-00154-08224-62986-43818
MAIN UI (NO PC REMOTE)	Pentium 33 NextStep
	Keyboard + Track Ball

Hardware			Ref
Upper Chamber			
Kit Lam XL	Upper Baffle		715-140124-xxx
Kit Lam XL	Middle Baffle		715-140126-xxx
Kit Lam XL	Lower Baffle SI		716-140125-200
Kit Lam XL	Shroud		713-140433-001
Kit Lam XL	UPPER KEYED RING		716-140432-001
Kit Lam XL	CONFINEMENT RIN[redacted]Qty 3		716-140236-833
Lower Chamber			
	ESC		839-440462-508
Kit Lam XL	Hot edge Ring		716-140139-313
Kit Lam XL	Coupling Ring		715-443139-001
Kit Lam XL	FILLER RING		716-028123-002
Kit Lam XL	Focus Ring		716-140118-001
Gaz Box 8 Gaz	Ref Gaz Box : 853-024401-181		Brand/Type
	Mass Flow sccm		
MFC 1, SCCM	Ar	1000	UNIT 1200A
MFC 2, SCCM	O2	1000	UNIT 1200A
MFC 3, SCCM	CHF3	50	UNIT 1200A
MFC 4, SCCM	CF4	100	UNIT 1660 Num
MFC 5, SCCM	N2	300	Brooks Num GF 100
MFC 6, SCCM	O2	50	Brooks Num GF100
MFC 7, SCCM	C4F8	15	Brooks Num GF 100
MFC 8, SCCM	CO	500	UNIT 1660 Analog
RF			Ref Lam

RF CARD Assy	UPPER RF GENERATOR ENI 2500W 27 MHz	660-110686R112
	LOWER RF GENERATOR ENI 2500W 2MHz	660-110685R112
MATCH BOX	UPPER RF MATCH ENI	685-096202-002
MATCH BOX	LOWER RF Match ENI	685-140283-012
Lower Electrode	**Bias input capacity (300pF versus 200pf)**	649-140256-002
ESC	**Power Supply**	853-025054-126 Type ABC
System EPP LAM		
	3 Monochromators	See photos
	NO PC Edpt (+ connections)	Not provided
CHILLER Upper / Lower Electrode		Ref: TCU 20-80
Manometer		Ref manufacturer
	WAP Manometer	2 Torr MKS 626B-30850
	Main Chamber Manometer	2 Torr MKS 626B-30850
	Helium Manometer	100 Torr Tylan CMLA-21
	Gas Cal Manometer	10 Torr MKS 623A11TDE
Power supply		Ref Lam
Retrofit	POWER SUPPLY 24V 40A	Retrofit Kit: 857-222511-001
Retrofit	POWER SUPPLY +5V -15V +15V	Retrofit Kit : 857-222518-001
GAP DRIVE System		Ref Lam
	GAP REBUILT Assy Housing Upper Chamber	852-11060-001
ASSY GAP DRIVE CONTROL		852-17350-002
PUMP		Ref manufacturer
	HGP OSAKA VACUUM	TS443
	Controller Pump Osaka	TC440
VAT		Ref manufacturer
	VAT VALVE	VAT 64244-PE52-1103
	VAT Rack	VAT 641PM-36PM
	VAT EPROM	64.PM.3C.10
HELIUM		Ref LAM
	UPC He Celerity (PN# UPC-8130) 50 sccm	797-900918-003
SWITCH		Ref manufacturer
	HGP EXHAUST SWITCH	MKS Vacuum Switch Type 141AA-00100DB-S
	Foreline Switch	MKS Vacuum Switch Type 141
VALVE		Ref manufacturer

	CHAMBER HGP EXHAUST VALVE	Edwards PW40PKS C41419000
	CHAMBER ROUGHING ISO VALVE	VAT 26332-KA11-1103
HANDLING		Ref Lam
Retrofit	PCB STEPPER MOTOR BOARD	605-017016-100
Retrofit	Metal cable and motor connection	853-190404-002