



ARTSemi, Austin TX presents Lam 9600 available for sale. Full refurbishment to customer specification. See next pages for sample config contact sales@artsemi.com for more information.

REBUILDING LAM SYSTEMS FOR 15 YEARS

	Description	Part number	QTY(EA)	Remarks	Comments
Robot	Robot refurb	Mag7	1	Refurbished	Comply
	End Effectors with 8in Moly/Button Pads	856-430110-001	2	NEW	Comply
Aligner Assy	Motor		1	Refurbished	Comply
	Aligner controller		1	Refurbished	Comply
	Video emit assy		1	Refurbished	Comply
Coolport	CoolPort station		1		Comply
UI	Software and server (CPU unit) with version TBD		1		
	LCD Monitor		2		Comply
	Computer Rack		2	Customized Stainless steel rack	Comply Either Ballroom or TTW
	Mux PCB			Refurbished	Comply
TM	TM Cover Lid		1	Refurbished	Comply
	Cabling		1set	Refurbished	Comply
	Solenoid Single/Double			Refurbished	Comply
	Convectron		5	Refurbished	Comply
	Heated rainbow gate door		6sets	Refurbished	Comply (Not heated)
VCE	VCE (lip seal type)		2	Refurbished	Comply
	VCE net filter NW40(mesh)		4	Refurbished	Comply
	VCE map sensor		4	Refurbished	Comply
	ASSY,ROTATE,VCE-6		1	Refurbished	Comply
	MCC2		1	Refurbished	Comply
Vaccum	FSI O-rings (blue color)		1set	New	Comply
	KF 16wing NUT clamp		6	New	Comply
	KF 25wing NUT clamp		6	New	Comply
	KF 40wing NUT clamp		6	New	Comply
	KF 50wing NUT clamp		6	New	Comply
	Flexible hose(7") for facility inlet		6	New	Comply
	Flexible hose(10") for facility inlet		6	New	Comply
	Foreline Heater Jacket/cartridge		1set	New	Comply
	Dry pumps		2sets	1 for TM,1 load lock, new/refurb	Customer Purchase
	Dry pumps		4sets	1 for each chamber, new refurb	Customer Purchase
	Dry scrubber		1set		Customer Purchase
				Quantity doubles for 2 etch chambers	
etchchamber (1set) Quantity doubles for 2 chambers	Description	Part number	QTY	Remarks	Comments
RF	Top RF Match PTX	853-032294-002	1	Refurbished	Comply
	Bot RF Match PTX	853-330951-021	1	Refurbished	Comply
	Top RF generator	660-024637-026	1	Refurbished	Comply
	Bot RF generator	660-024637-028	1	Refurbished	Comply
	ASSY,HSG,CAP DIV/PEAK DET		2		Comply
	ASSY,CA,RF MTCH/ESC FLTR/PK DT		1		Comply
	ASSY,CA,LWR MTCH,PK DET		1		Comply
	ASSY CABLE LOWER RF MATCH D-S		1		Comply
	ESC power supply	853-025054-018	1		Comply
Endpoint	Endpoint detector PTX ASSY,END PT DET (703/261)	853-540066-005	1		Comply
	Endpoint detector cable		1set		Comply
Pressure	Chm Manometer	E29B-22205	2	Refurbished	Comply
	Gas cal manometer	625B-23852	2	Refurbished	Comply
	Foreline manometer	625A-14059	1	Refurbished	Comply
	Helium manometer 20T		2	Refurbished	Comply
	Strip manometer 10T		2	Refurbished	Comply
	Strip manometer 100T		1	Refurbished	Comply
	BOC turbo pump -refurb	STPA 1303A	1set	Refurbished	Comply
	VAT 65 pendulum valve		1	Refurbished	Comply
	VAT- lower chamber adaptor		1	Refurbished	Comply
TCU/Chiller	TCU			Customer Spec	
	TCU Hose (1/2")			Customer Spec	
	TCU Hose Insulator			Customer Spec	

Bottom Electrode	Bottom Electrode Assy		1	Refurbished	Comply
	ESC,NOTCHED	718-043893-801	1	Refurbished	Comply
	Lifter Cylinder		1	NEW	Comply
	Bellow		2sets	NEW	Comply
	4 pins		1	NEW	Comply
	BASR		2sets	Refurbished	Comply
Gas	5866RC1J1C4J4EA pressure controller (He 20sccm 1/4VCR 15pin)		2	Refurbished	Comply
	8 Ch Gas box refurbished		2sets	with SST 316L VCR gaskets and 60psi check valve	
	MFC Customer Spec	Digital	20		
	Etch chm, No.	Gas			
	1 CL2		1	Size TBD - customer spec	
	2 BCL3		1	Size TBD - customer spec	
	3 SF6		1	Size TBD - customer spec	
	4 O2		1	Size TBD - customer spec	
	5 N2		1	Size TBD - customer spec	
	6 Ar		1	Size TBD - customer spec	
Process Kit	ESC		1	NEW	Customer Spec
	GDP		1	NEW	Customer Spec
	Liner chamber transistion manifold adapter		1	NEW	Customer Spec
	Endpoint Window Frame		1	NEW	Customer Spec
	Chamber liner		1	NEW	Customer Spec
others	HSG, REAC CHAMBER, A6	715-031986-006	2	NEW	Customer Spec
	PL, WDO CHMBR, CAPTIVE HDW, A6	715-032012-004	2	NEW	
	INSR, GTV, AL, ANZD, ALLI6	715-442066-002	2	NEW	
	Heater Jacket/cartridge		20	Refurbished	Customer Spec
	Solenoid Single/Double			Refurbished	Customer Spec
	Slit Door Heater		2	Refurbished	Customer Spec
	Interconnect Helium		2	Refurbished	Customer Spec
	Interconnect N2		2	Refurbished	Customer Spec
	Small O-ring for Nylon Tube for Helium Cooling			NEW	Comply
	Gate Door cylinderRefurbish		6	Refurbished	Customer Spec
	mid chm TC J-type		10	NEW	Comply
	Lower Electrode TC J-type	839-032633-002	2	NEW	Comply
	ESC Lower Electrode Plug		2	NEW	Comply
	Gas feed flexible hose		2	NEW	Comply
				Quantity doubles for 2 etch chambers	
strip chamber (1set) Quantity doubles for 2 chambers	Description	Part number	QTY	Remarks	COMMENTS
Microwave	magnetron		1	Refurbished	MKS Refurbished by OPM
	Applicator		1	Refurbished	MKS Refurbished by OPM
	Smart match		1	Refurbished	MKS Refurbished by OPM
	Control Module		1	Refurbished	MKS Refurbished by OPM
	PS1 power supply for microwave		1	Refurbished	MKS Refurbished by OPM
	lower electrode	839-000066-001	1		
Pressure	Quartz baffle plate	Customer Spec	1	NEW	Process Kit
	Strip manometer 10T		2	Refurbished	
Pressure	Strip manometer 100T		1	Refurbished	
chamber parts	WVDS tank and vapor refurbish(square tank)	856-461431-001	1		Example configuration. Customer specification is available.
	Housing Lower Chamber STP MDL, MTL	715-460214-003	1	NEW	
	VAT Controller for stripper	796-093088-007	1		
	TC,J-Type Probe	666-099760-001	2		
	Assy.Lvi.SW tank	853-461154-001	2		
	ceramice center ring(Azring)		1	customised strip center ring	
	Lifter pin assy		2		
Gas	Facility Interconnect		1sets		
	PCW Protection Cover		1		
	Vapor MFC CUSTOMER SPEC		1		
	Strip chm,No.	Gas			
	1 O2		1	Size TBD - customer spec	
Gas	2 N2		1	Size TBD - customer spec	
	3 Spare		1		