

LAM – TCP-9400SE

Tool ID	TCP4F01	OEM/Model	LAM TCP-9400SE
Serial Number	4349	Process	ETCH - POLY
Vintage	MARCH, 1996	Wafer Size	200 mm

EQUIPMENT DATASHEET



General Configuration Information

Certified De-facilitized	Provide documentation	
9400 or old TCP 9600 Type?	Indicate Type	TCP 9400 Stand alone
Bulkhead or Ballroom?	Indicate which type	Bulkhead
Hepa	Present?	Yes
Indexer type?	Indicate Std or SMIF	Standard,Hine 38A
Control System Classic or Envision?	Include pc speed if Envision	Classic
Remote AC box?	Specify with part number if yes	Yes
Chiller?	Specify with part number and type if yes	RISSHI EX-1000,Q'ty:1
SMIF?		LPT2200 ,Q'ty:2
TCP Generator?	Specify with part number and type if yes	660-024637-006 ,AE RFDS
Bias Generator?	Specify with part number and type if yes	660-024637-003 ,AE RFG1250
Microwave?	Indicate Yes or No	N
DSQ?	Indicate Yes or No	N
Hinged DSQ?	Indicate Yes or No	N
DSQ / MW Generator?	Specify with part number and type if yes	N
Generators?	Specify with part number and type if yes	N
Top Match?	Specify with part numner	Yes
Bottom Match?	Specify with part numner	Yes
Variable Gap?	Indicate Yes or No	N
Fixed Gap?	indicate 3, 6, or 9cm	Yes
ESC?	Specify with part number if yes	Yes
Clamped system?	Specify Top or Bottom Actuated	N
Backside He UPC		UNIT 50sccm UPC-1300
Backside He Manometer		853-017643-003,Tylan
Upgraded Variable Gap?	Optical or Micro swithches?	N
VAT64?	Indicate Yes or No	Yes;VAT valve systm
VAT65?	Indicate Yes or No	N
Turbo Type?	Indicate type and size	SEIKO SEIKI STP-H1000L
Endpoint Detector Type?	Single or Dual?	853-001983-005;405/520um
Heated endpoint windows?	Indicate Yes or No	Yes
Anafaze Type?	Indicate type and part number	Yes
Gas box Unit or Orbital?	Indicate Vertial or Horizontal MFC?	Vertial
MFC #1	Indicate gas type, flow and MFC pn	Cl2-200 sccm;Area FC-780C
MFC #2	Indicate gas type, flow and MFC pn	CF4-200 sccm;Area FC-770AC
MFC #3	Indicate gas type, flow and MFC pn	O2-10 sccm;Area FC-780C
MFC #4	Indicate gas type, flow and MFC pn	He-200 sccm;Area FC-770AC
MFC #5	Indicate gas type, flow and MFC pn	HBr-200 sccm;Area FC-780C
MFC #6	Indicate gas type, flow and MFC pn	SF6-200 sccm;Area FC-770AC
MFC #7	Indicate gas type, flow and MFC pn	O2-200 sccm;Area FC-770AC
MFC #8	Indicate gas type, flow and MFC pn	SO2-100 sccm;Area FC-780C
MFC #10	Indicate gas type, flow and MFC pn	None
MFC #11	Indicate gas type, flow and MFC pn	None
MFC #12	Indicate gas type, flow and MFC pn	None
WVDS?	Specify with part number if yes	No
AUTOFILL WVDS?	Specify with part number if yes	No
Backside He Regulator	Specify with part number if yes	No
Chamber manometer	Specify with part number if yes	Millipore CMH4-M11S19E;0.1torr
Trubo manameter	Specify with part number if yes	853-031540-001;MKS 625A11TDE;10torr
Pumping line manameter	Specify with part number if yes	MKS 625A11TDE;10torr
Heartbeat PCB	Indicate -001 or -002	810-017012-002

EQUIPMENT DATASHEET



Tool Condition- Completeness

All components present?		
Turbo/Controller	If not, indicate missing components	Present
Turbo Heaters	If not, indicate missing components	Present
Bulkhead or Ballroom components	If not, indicate missing components	Present
All covers	If not, indicate missing components	Present
Indexers	If not, indicate missing components	Present
ELL	If not, indicate missing components	Present
Chamber	If not, indicate missing components	Present
VAT ASSY AND CONTROLLER	If not, indicate missing components	Present
XLL	If not, indicate missing components	Present
Gas Box	If not, indicate missing components	Present
AC/DC box	If not, indicate missing components	Present
Control enclosure	If not, indicate missing components	Present
Upper match enclosure	If not, indicate missing components	Present
Lower match enclosure	If not, indicate missing components	Present
Calibration tool	If not, indicate missing components	Present
Chamber Parts	If not, indicate missing components	Present,One set
User manual	If not, indicate missing components	Present
Pressure control	If not, indicate missing components	Present

Tool Condition- General

Chamber	Corrosion or worn?	Good
Gas Box	Signs of Corrosion?	Good
Entrance Loadlock	Signs of Corrosion?	Good
Exit Loadlock	Signs of Corrosion?	Good
Loadstation	Indicate general condition	Good
Indexers	Signs of Corrosion?	Good
Wire Harnesses	Brittle or modified?	Good
Covers	Good or scratched/aged?	Good
Gap Drive System	Indicate general condition	Without gap function

Risk Items

Check

Turbo corrosion-external under heaters	Check under heaters	Good
Turbo corrosion-Internal @ VAT area	Check in VAT manifold area	Good
Corrosion in HBR CL2 BCL3 delivery lines	remove MFC and check primary/secondary	Good
Corrosion in delivery manifold	Remove PSH3 and Check manifold	Good
Corrosion in mixing manifold	Remove MFC and check secondary	Good
Corrosion in Chamber	Check Pump manifold for corrosion	Good
Corrosion in VAT valve/Manifold	Check VAT and manifold for corrosion	Good
Corrosion in ELL	Check inner door area	Good
Corrosion in XLL	Check inner door area	Good
Corrosion on XLL outer Gate Assy	Check outer door gate Assy	Good
Corrosion in Receive indexer (From XLL outgassing)	Check housing and PCB	Good
Worn or damaged Gap barrel	Check barrel for etching/wear	Good
Worn or corroded lead screws	Check for signs of corrosion/discoloration/excessive oil	Good
Worn or damaged chamber	Check for worn/damaged andization	Good

EQUIPMENT DATASHEET



Cables and Harnessing	Part Number	Present? (Yes or No)
Chiller signal interface cable		Yes
Chiller EMO cable		Yes
Chiller power cable		Yes
Generator signal interface cable		Yes
Generator EMO cable		Yes
Generator power cable		Yes
Remote AC box EMO cable		Yes
Etcher power cable		Yes

Check for non Std equipment or Specials(add items as needed)

PLC and signal tower	if present, indicate 3 or 4 light	Present, 3 light



