

TECHNICAL SPEC FOR Etcher

System Model:

AMAT P5000

Wafer size: 6" Jeida Major Flat

Valve type: ?

Gas and process configuration for

- MxP chamber (Sog etch) – 2 chambers

AMAT7 Gas configuration

<u>Amat 7C</u>	MFC	Gas	Size Sccm	Model
	MFC1	O2	500	
	MFC2	Ar	200	
	MFC9	N2	100	
	MFC11	CHF3	100	
	MFC12	CF4	50	

<u>Amat 7D</u>	MFC	Gas	Size Sccm	Model
	MFC3	O2	500	
	MFC4	Ar	200	
	MFC5	N2	100	
	MFC7	CHF3	100	
	MFC8	CF4	50	

Chuck: Clamped process kit.

Robot type: P5000 Phaze III robot.

Loader type: Cassette handler A-B (Basic, manual load, clamped)

Loadlock: Standard, Storage elevator 8-slots

Mainframe: A Sog Etch , B Sog Etch, No C, No D

Turbo pumps: Chamber C : BOC Edwards STP-301CVB chamber D : Leybold MAG 400CT

Controllers: Chamber C : Controller SCU-350DA Chamber D : Controller NT340M

Gas box: ?

AC Rack: Standard Remote Frame (Garage for pumps and RF generators on top)

SW Version: E4.80_6 P5000 Etch

Vintage: 1990

Missing/defective parts: None

Photos to Collect

- All 4 sides
- Robot
- Loader
- Gas lines
- Gas box
- Close up from each chamber
- Pumps
- Controllers
- Electrical cabinets
- AC Rack
- Gas in/outlets
- Electrical in/outlets
- Chiller
- Serial plates of all chambers
- Serial plate of Mainframe
- Serial plate of each pump
- Spare parts, manuals (if any)