

TECHNICAL SPEC FOR Etcher

System Model:

AMAT P5000

Wafer size: 6" Jeida Major Flat

Valve type: ?

Gas and process configuration for

- MxP chamber (Poly etch) – 2 chambers A / B

AMAT1 Gas configuration				
Amat 1A :	MFC	Gas	Size Sccm	Model
	MFC6	O2	50	STEC 4400
	MFC8	He-O2	20	STEC 4400
	MFC9	Cl2	100	STEC 4400
	MFC10	HBr	100	UFC 1661
	MFC11	N2 (DED)	100	STEC 4400
	MFC12	CF4	100	STEC 4400
Amat 1B :	MFC	Gas	Size Sccm	Model
	MFC1	He-O2	20	Brooks GF125
	MFC2	Cl2	100	UFC 1661
	MFC3	HBr	100	Brooks GF125
	MFC4	O2	50	STEC 4400
	MFC5	CF4	100	STEC 4400
	MFC7	N2 (DED)	100	STEC 4400

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 Poly Etch , B Poly Etch, No C, No D

Turbo pumps: BOC Edwards STP-301CVB

Controllers: Controller SCU-350DA

Gas box: ?

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

SW Version: E4.80_6 P5000 Etch

Vintage: 1992

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)