

Altus Process Module A**F-E-2-1**

S/N: 97-10-5277

Controller type	Missing
Gate valve	Internal Non-Heated
Throttle valve	Internal Non-Heated
Process Manometer	100 Torr, Non-heated
Heater Pedestals	Missing
Shower Heads	Missing
MOER Rings	Missing
Spindle Assy. Seal Type	Missing
X-Y Centering Station	Yes
Viewport Window	Missing
RF Match	Missing
RF High Frequency Generator	Missing
Endpoint detection	No
Facility Connections	Rear of chamber

Gas BoxChamber A F-E-2-1

Gas Channels	10
MFC Type	Brooks 5964
Valves	10

MFC size and location As the table below

Channel	Gas	Flow (SLM)		
*1	Argon	MISSING		
2	SiH4	50 sccm	Brooks	5964
3	Hydrogen	20 SLM	Brooks	5964
4	Argon	20 SLM	Brooks	5964
*5	Wf6	MISSING		
6	C2F6	2 SLM	Brooks	5964
7	Oxygen	2 SLM	Brooks	5965
8	Argon	10 SLM	Brooks	5964
9	Hydrogen	20 SLM	Brooks	5964
10	Argon	20 SLM	Brooks	5964

Altus Process Module B**F-D-4-1**

S/N: 97-10-5277

Controller type	Missing
Gate valve	Internal Non-Heated
Throttle valve	Internal Non-Heated
Process Manometer	Missing
Heater Pedestals	D-Type
Shower Heads	Yes
MOER Rings	No
Spindle Assy. Seal Type	Standard
X-Y Centering Station	Yes
Viewport Window	Missing
RF Match	Missing
RF High Frequency Generator	Missing
Endpoint detection	No
Facility Connections	Rear of chamber

Gas Box Chamber B F-D-4-1

Gas Channels 10
MFC Type Brooks 5964
Valves 10

MFC size and location

As the table below

GASBOX: 02-824316-01 / 1996

Channel	Gas	Flow (SLM)		
* 1	Argon	Missing		
2	SiH4	50 sccm	Brooks	5964
3	Hydrogen	10 SLM	Brooks	5964
4	Argon	10 SLM	Brooks	5964
* 5	Wf6	Missing		
6	C2F6	10 SLM	Brooks	5964
7	Oxygen	5 SLM	Brooks	5964
8	Argon	10 SLM	Brooks	5965
9	Hydrogen	10 SLM	Brooks	5964
* 10	Argon	Missing		

Special Conditions and Missing Items (list):

- 1
- 2
- 3
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- 10

DLCM Module		Process Module A		Process Module B	
MISSING ITEMS	INTACT ITEMS or PRESENT ITEMS	MISSING ITEMS	INTACT ITEMS or PRESENT ITEMS	MISSING ITEMS	INTACT ITEMS or PRESENT ITEMS
1) 1 ea. Gate Valve (or a Blank-Off)	1) Brooks Robot (Mag 5)	1) Spindle Lift & Rotate Assembly	1) X-Y Centering Station	1) Gasbox - GONE	1) Spindle Lift & Rotate Assembly
2) Right Loadlock ARC's (on Baseplate)	2) Bisymmetric Armset	2) Pneumatic Banks 1, 2, & 3	2) Vacuum Utilities Assy.	2) 2 ea. Power supplies (24 & 15)	2) X-Y Centering Station
3) DLCM Interlock Board	3) Loadlock Doors & Actuators	3) 1 ea. Lift Pin Assembly	3) 5 ea. Pedestals	2) IOC # 2 & # 3 missing	3) 5 ea. Pedestals
4) Analog Press. Gauge (purge panel)	4) Module Controller	4) Temperature/Pressure Controllers	4) 5 each Showerheads	3) Temperature/Pressure Controllers	4) 5 each Showerheads
5)	5) Throttle Valve Controller	5) All Filters (gasbox)	5) IOC's - # 0 / # 3	4) Trazar Match Network	5) 3 ea. Lift Pin Assembly's
6)	6) Pneumatic Panel 100 %	6) 3 ea. MFC's (gasbox)	5) Backside Gas Pressure Control	6) Top Plate = 30%	6) IOC's - # 0
7)	7) Local Power Box = 100 %	7) Trazar Match Network	6) Pneumatic Panel = 50 %	7)	7) Backside Gas Pressure Control
8)	8) Gen 1 Shuttles (Front End)	8) IOC # 2 missing	7) 2 ea. Lift Pin Assembly	8)	9) Pneumatic Panel Full - 100%
9)	9) Brooks Robot Power Supply	9) HYT Sensor Controller	8) Throttle Valve	9)	10) Vacuum Utilities Assy.
10)	10) Vent/Purge Panel	10)	10) Gate Valve	10)	11) Throttle Valve
11)	11) IOC's # 0 / # 2 / # 3	11)	11) 2 ea. Vacuum Switches	11)	12) Gate Valve
12)	12)	12)	12) HYT Particle Sensor(s) ONLY!	12)	13) 2 ea. Vacuum Switches
13)	13)	13)	13)	13)	12)
14)	14)	14)	14)	14)	14) GEN 1 showerheads w/KF 25 flanges
15)	15)	15)	15)	15)	15)
16)	16)	16)	16)	16)	16)
17)	17)	17)	17)	17)	17)
18)	18)	18)	18) Top Plate = 80 %	18)	18) Top Plate = 30 %
19)	19)	19)	19) Gasbox = 75 %	19)	19) Gasbox = 0 % (GONE)
20)	20)	20)	20) Bottom Plate = 60 %	20)	20) Bottom Plate = 60 %
21)	21)	21)	21) Local Power Box - 40 %	21)	21) Local Power Box - 90 %
COMMENTS:	COMMENTS:	COMMENTS:	COMMENTS:	COMMENTS:	COMMENTS: